

Egremont Free Library /  
Mount Everett Academy  
Stabilization & ADA Improvements Project

1 Buttonball Lane - South Egremont, Massachusetts

Date: October 7, 2021

OWNER

Town of Egremont  
171 Egremont Plain Road  
Egremont, MA 01258

Phone: 413-528-0182

ARCHITECT

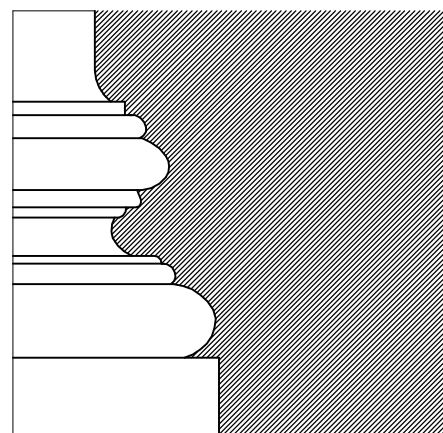
Evelyn Cole Smith Architects, LLC  
77 Child Hill Road  
Woodstock, CT 06281

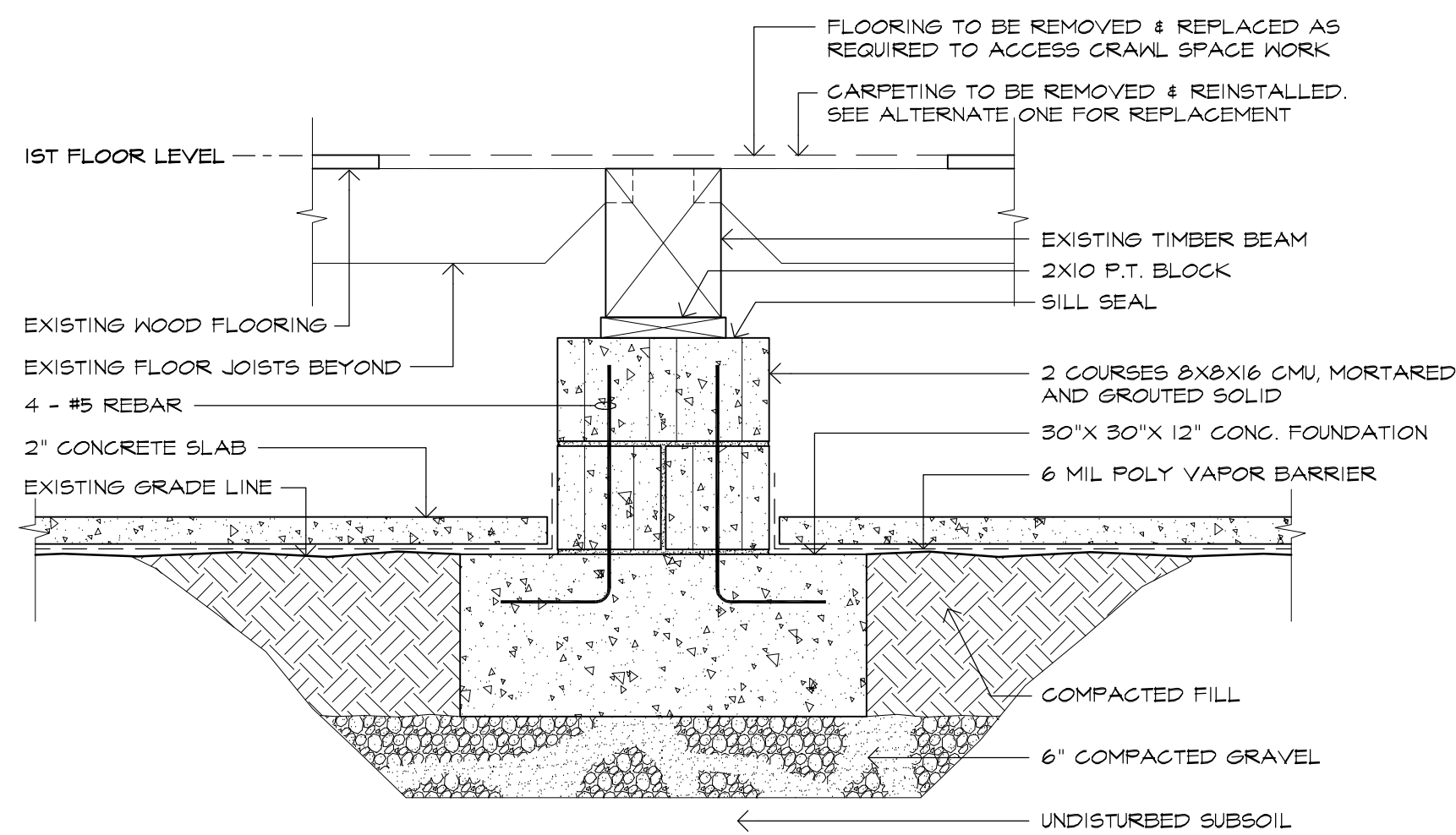
Phone: 860-377-9338

MEP ENGINEER

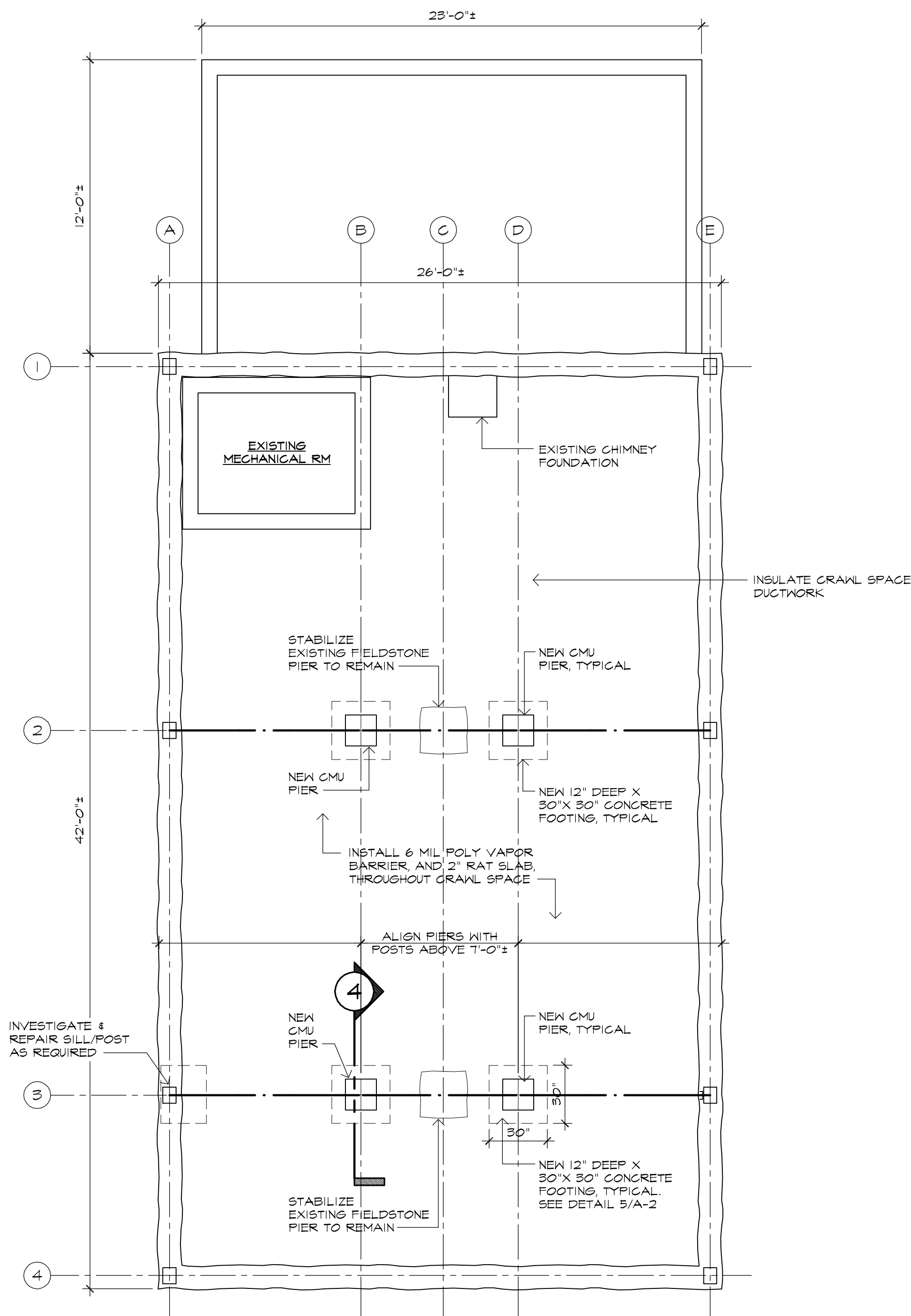
Salamone & Associates, P.C.  
116 North Plains Industrial Road  
Wallingford, CT 06492

Phone: 203-281-6895

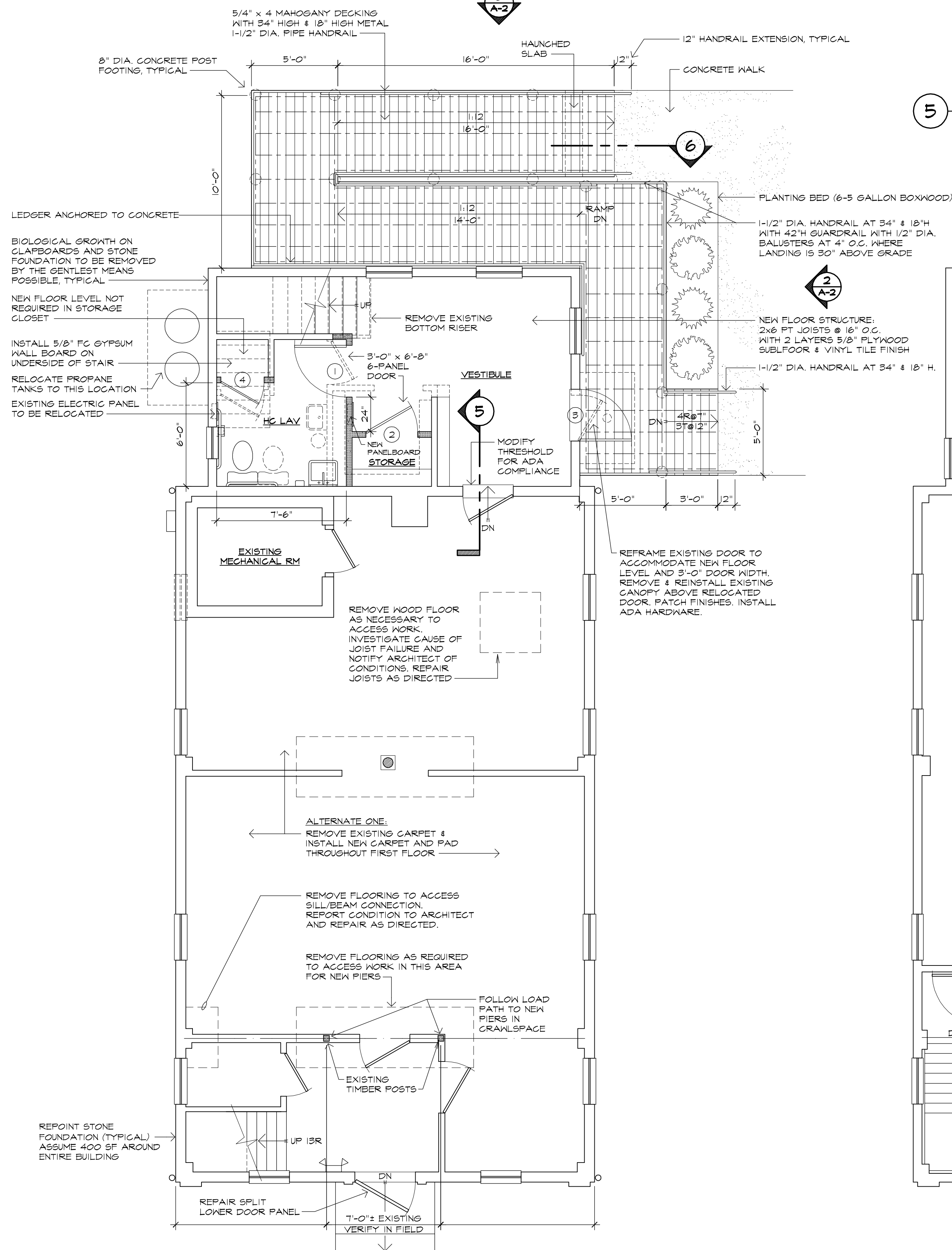
<div>GENERAL NOTES</div>		<div></div> <div>EVELYN COLE SMITH ARCHITECTS, LLC</div> <div>77 Child Hill Rd Woodstock, CT 06281 860 377 9338</div> <div>www.ecsarchitects.com</div>																						
<div>GENERAL NOTES</div> <div><div>1. CONTRACTOR SHALL REVIEW CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS PRIOR TO SUBMITTING A COST PROPOSAL.</div><div>2. ALL WORK IS TO BE PERFORMED IN STRICT ACCORDANCE WITH THE NATIONAL PARK SERVICE, SECRETARY OF THE INTERIORS STANDARDS FOR THE TREATMENT OF HISTORIC PROPERTIES.</div><div>3. PROTECT EXISTING MATERIALS OUTSIDE OF THE SCOPE OF STABILIZATION, AND REPAIR IN KIND IF DAMAGED.</div><div>4. MAINTAIN THE BUILDING IN WEATHERTIGHT CONDITION THROUGHOUT THE CONSTRUCTION PHASE.</div><div>5. REPAIR WOOD WHERE THE DETERIORATION REPRESENTS LESS THAN 25% OF THE MATERIAL.<div>A) INJECT WOOD CONSOLIDANT AS APPROVED BY THE ARCHITECT.</div></div><div>6. REPLACE WOOD FABRIC WHERE DETERIORATION REPRESENTS 25% OR MORE OF THE MATERIAL.<div>A) REPLACE WOOD IN-KIND TO THE GREATEST EXTENT POSSIBLE.</div><div>B) MATCH DIMENSIONS AND PROFILES OF EXISTING MATERIALS.</div></div><div>7. CONTRACTOR TO PREPARE A WORK PLAN FOR SHORING, JACKING AND EXCAVATION FOR REVIEW BY THE ARCHITECT PRIOR TO CARRYING OUT THIS WORK.</div></div> <div>FRAMING STABILIZATION</div> <div><div>1. REMOVE AND RETAIN CARPET AND WOOD FLOORING IN THE AREAS SHOWN ON THE DRAWING IN ORDER TO PROVIDE ACCESS TO THE CRAWL SPACE FOR INSTALLATION OF NEW PIERS AND FOR REPAIR OF FLOOR FRAMING. SEE ALTERNATE ONE FOR CARPET REPLACEMENT.</div><div>2. INSTALL NEW PIERS UNDER EXISTING FIRST FLOOR MAIN BEAMS ALIGNING WITH THE BELFRY FRAMING TO PROVIDE A CONTINUOUS LOAD PATH. CMU TO CONFORM TO ASTM C-90.</div><div>3. DOCUMENT EXISTING CONDITION OF FLOOR FRAMING IN AREAS NOTED ON THE DRAWINGS FOR REVIEW BY THE ARCHITECT. REPAIR FRAMING / JOINTS AS DIRECTED BY THE ARCHITECT. REPAIR WILL BE WITH CONSOLIDANT, BY THE INSTALLATION OF DUTCHMAN OR WITH METAL CONNECTORS AS APPROPRIATE TO ADDRESS THE CONDITION OF THE POSTS (2). THE MAXIMUM AMOUNT OF EXISTING FRAMING IS TO BE RETAINED.</div><div>4. REPOINT THE STONE FOUNDATION.<div>A) TEST EXISTING MORTAR FOR STRENGTH AND COMPOSITION AS SPECIFIED FOR REPOINTING ACCORDING TO ASTM C-1284-03 STANDARD TEST METHOD FOR EXAMINATION &amp; ANALYSIS OF HARDENED MASONRY MORTAR BY QUALIFIED TESTING AGENCY.</div><div>B) REPLACE MISSING AND DISPLACED FOUNDATION STONES.</div><div>C) REMOVE EXISTING MORTAR TO FIRM SUBSTRATE USING HAND TOOLS ONLY.</div><div>D) PROVIDE A MOCK-UP OF NEW MORTAR SAMPLE FOR REVIEW AND APPROVAL BY THE ARCHITECT.</div><div>E) INSTALL APPROVED MORTAR IN 1" LIFTS AND TOOL FINISHED SURFACE TO MATCH HISTORIC MORTAR JOINT.</div></div><div>5. INSTALL DUCT INSULATION ON SHEET METAL DUCTS IN THE CRAWLSPACE. INSULATE SHEET METAL DUCTWORK WITH FLEXIBLE FIBERGLASS DUCTWORK INSULATION CONFORMING TO ASTM C-553, TYPE I, GLASS B-4 WITH ALL STAPLES, BANDS, WIRES, TAPE, ANCHORS, CORNER ANGLES AND SIMILAR ACCESSORIES AS RECOMMENDED BY THE INSULATION MANUFACTURER.</div><div>6. REPAIR WEB AT ATTIC TRUSS. THE WEB ON THE EASTERN TRUSS HAS BEEN CUT OUT TO PROVIDE ACCESS TO THE REAR OF THE STRUCTURE. THE CUT OUT WEB MEMBER, WITH TENON INTACT IS LYING ON THE CEILING JOISTS IN THE ATTIC AND CAN BE REINSTALLED BY INSERTING THE TENON INTO THE KINGPOST MORTISE AND PEGGING IN PLACE, AND INSTALLING METAL STRAPS ON EITHER SIDE OF THE WEB AND THRU BOLTING. SHOP DRAWINGS ARE TO BE SUBMITTED TO THE OWNER FOR REVIEW BY A LICENSED STRUCTURAL ENGINEER.</div><div>7. INSTALL 6 MIL POLY VAPOR BARRIER AND 2" RAT SLAB IN CRAWLSPACE.</div></div> <div>ROOFING AND FLASHING AT BELFRY FLOOR LEVEL</div> <div><div>1. CAREFULLY REMOVE LOUVER PANELS FROM ALL BELFRY FACADES MARKING THEM DISCREETLY FOR REINSTALLATION IN SAME LOCATION. INSTALL STAINLESS STEEL INSECT SCREEN ON THE REAR OF THE LOUVER FRAME. REINSTALL LOUVERS AFTER COMPLETION OF ROOFING AND FLASHING PROJECT.</div><div>2. CAREFULLY REMOVE EXTERIOR TRIM FROM ALL CORNER POSTS, INCLUDING THE ENGAGED COLUMNS AND BACK UP TRIM FROM THE BELFRY FLOOR LEVEL TO THE FASCIA ABOVE, MARKING EACH PIECE DISCREETLY FOR REINSTALLATION IN THE SAME LOCATION. REMOVE THE MINIMUM MATERIAL POSSIBLE, AT EXISTING CONSTRUCTION JOINTS, TO ACCESS THE BASE OF THE BELFRY POSTS FOR THE INSTALLATION OF NEW FLASHING, COUNTERFLASHING AND ROOFING.</div><div>3. REMOVE AND DISPOSE OF EXISTING ASPHALT COMPOSITION ROOFING, METAL DRIP EDGE AND ANY UNDERLAYMENT FOUND ON THE EXTERIOR ROOF AND FROM THE INTERIOR OF THE BELFRY FLOOR LEVEL.</div><div>4. REMOVE METAL FLASHING AND ASPHALT ROOFING CEMENT FROM NH POST BASE AND DOCUMENT EXISTING CONDITIONS FOR REVIEW BY THE ARCHITECT. REPAIR POST BASES AS DIRECTED BY THE ARCHITECT. REPAIR WILL BE WITH CONSOLIDANT OR BY THE INSTALLATION OF DUTCHMAN AS APPROPRIATE TO ADDRESS THE CONDITION OF THE POSTS.</div><div>5. REMOVE WATER DAMAGED SHEATHING AND REPLACE IN KIND. ASSUME 20 SF OF SHEATHING REPLACEMENT. PREPARE SURFACE FOR INSTALLATION OF NEW ROOFING FELT, ROSIN PAPER, FLASHING AND FLAT LOCK COPPER ROOF SYSTEM.</div><div>6. INSTALL NEW 30 LB. ROOFING FELT AND ROSIN PAPER OVER THE ENTIRE EXTERIOR WASH SURFACE AND THE INTERIOR BELFRY FLOOR.</div><div>7. INSTALL 16 OZ. COPPER FLASHING AT BASE OF BELFRY WALL TO 6" ABOVE FLOOR SURFACE AT WALL AND AROUND THE POST BASES.</div><div>8. INSTALL A FLAT LOCK, CLEATED SEAM 16 OZ. COPPER ROOF AT THE BELFRY WASH LEVEL, EXTENDING THE ROOFING TO THE INTERIOR OF THE BELFRY. INSTALL SHEET COPPER MATERIAL ROOF ON THE EXTERIOR FACE OF THE FLOOR HATCH SO THAT IT REMAINS A SEPARATE OPERABLE ELEMENT. INSTALLATION TO BE IN ACCORDANCE WITH SMOGNA'S "ARCHITECTURAL SHEET METAL MANUAL, SEVENTH EDITION".</div><div>9. PREPARE REINSTALLED TRIM AND LOUVERS FOR PAINT. PRIME &amp; PAINT, BY BRUSH APPLICATION, TWO FINISH COATS OF SATIN FINISH EXTERIOR LATEX ENAMEL AS MANUFACTURED BY BENJAMIN MOORE, SHERWIN WILLIAMS, DUNON OR APPROVED EQUAL. SUBMIT PRODUCT DATA FOR ARCHITECTS APPROVAL.</div></div> <div>ADA IMPROVEMENTS</div> <div><div>1. REMOVE EXISTING TOILET ROOM FIXTURES AND INSTALL NEW ADA COMPLIANT FIXTURES &amp; ACCESSORIES. MODIFY PLUMBING AS REQUIRED.</div><div>2. INSTALL NEW RAISED FLOOR SYSTEM IN REAR ADDITION TO ALIGN WITH MAIN FLOOR LEVEL.</div><div>3. INSTALL NEW EXTERIOR WOOD RAMP SYSTEM, STAIR, AND RAILINGS.</div><div>4. INSTALL NEW CONCRETE WALKS ASSOCIATED WITH NEW STAIR &amp; RAMP.</div><div>5. INSTALL NEW PAVED PARKING AREA AND SIGNAGE.</div><div>6. MODIFY REAR ENTRANCE DOOR &amp; ROOF TO ACCOMMODATE NEW FLOOR HEIGHT.</div><div>7. RELOCATE THE EXISTING ELECTRICAL PANEL. IN CONJUNCTION WITH ADA IMPROVEMENTS, RELOCATE THE ELECTRIC PANEL TO BE OUTSIDE OF THE TOILET ROOM.</div></div> <div>ALTERNATES</div> <div>#1 CARPETING</div> <div><div>1. REMOVE &amp; DISPOSE OF EXISTING CARPETING AND PAD. INSTALL NEW TUFTED BROADLOAM, 26 OZ. SOLUTION DIED, CLASS I CARPET. DO NOT DIRECT GLUE PRODUCT. USE TACK STRIPS.</div></div> <div>#2 FIRE PROTECTION</div> <div><div>1. INSTALL NEW FIRE PROTECTION DEVICES &amp; SYSTEMS AS DESCRIBED ON THE MEP DRAWINGS.</div></div> <div>#3 LIGHTING UPGRADES</div> <div><div>1. PROVIDE &amp; INSTALL NEW LIGHTING AS DESCRIBED ON THE MEP DRAWINGS.</div></div>		<div><div>STAMP</div><div>RESERVED</div><div>PROJECT</div><div>Stabilization &amp; ADA Improvements</div><div>Mount Everett Academy</div><div>1 Buttonball Lane</div><div>S. Egremont, MA 01230</div><div>Prepared for</div><div>Town of Egremont</div><div>171 Egremont Plain Road</div><div>Egremont, MA 01258</div><div>(413) 528-0182</div><div>REVISIONS</div><table><thead><tr><th></th><th>Date</th><th>Description</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table><div>SHEET TITLE</div><div>Title Sheet</div><div>PROJ. NO. 2019027</div><div>SCALE AS NOTED</div><div>DATE October 7, 2021</div><div>DESIGNED LYN SMITH, AIA, LEED AP</div><div>DRAWN CLINTON RICHMOND</div><div>CHECKED ECS</div></div>			Date	Description																		
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<div>DRAWING LIST</div> <table><tbody><tr><td>T-1</td><td>Title Sheet</td></tr><tr><td>A-1</td><td>Floor Plans, Details, &amp; Schedules</td></tr><tr><td>A-2</td><td>Roof Plan, Elevations, Details, &amp; Belfry Details</td></tr><tr><td>A-3</td><td>Toilet Room Enlarged Plan &amp; Interior Elevations, &amp; Schedules</td></tr><tr><td>DPME-1</td><td>Plumbing / Mechanical / Electrical Demolition Plans</td></tr><tr><td>PME-1</td><td>Plumbing / Mechanical / Electrical Plans</td></tr><tr><td>PME-2</td><td>Plumbing / Mechanical / Electrical Attic Plan</td></tr><tr><td>PME-3</td><td>Plumbing / Mechanical / Electrical Details, Notes, Schedules, Symbols Abbreviations</td></tr></tbody></table>		T-1	Title Sheet	A-1	Floor Plans, Details, & Schedules	A-2	Roof Plan, Elevations, Details, & Belfry Details	A-3	Toilet Room Enlarged Plan & Interior Elevations, & Schedules	DPME-1	Plumbing / Mechanical / Electrical Demolition Plans	PME-1	Plumbing / Mechanical / Electrical Plans	PME-2	Plumbing / Mechanical / Electrical Attic Plan	PME-3	Plumbing / Mechanical / Electrical Details, Notes, Schedules, Symbols Abbreviations	<div><div>SHEET</div><div>T-1</div><div>1 OF 8</div></div>						
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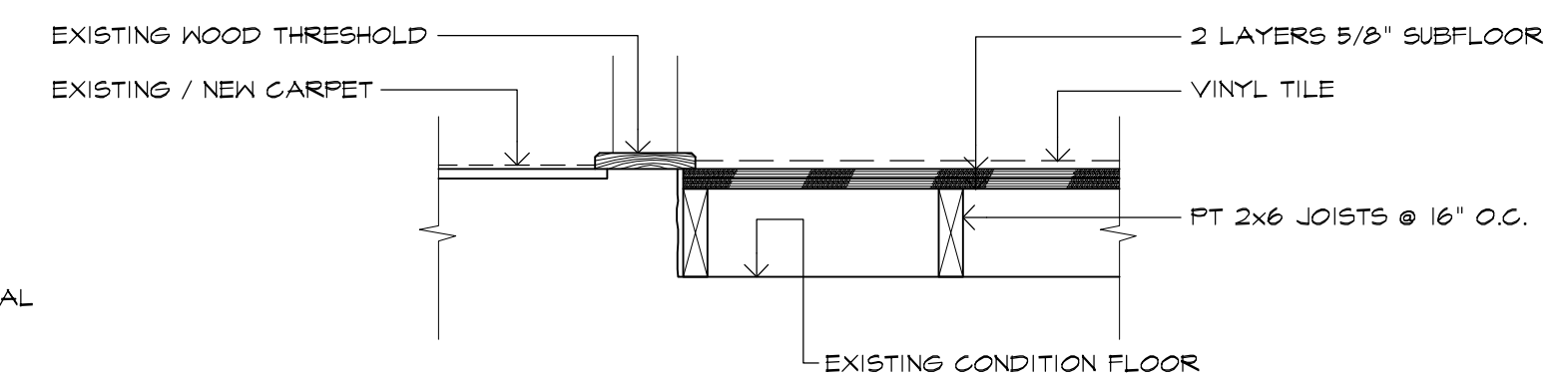
**4 SECTION DETAIL @ PIER**  
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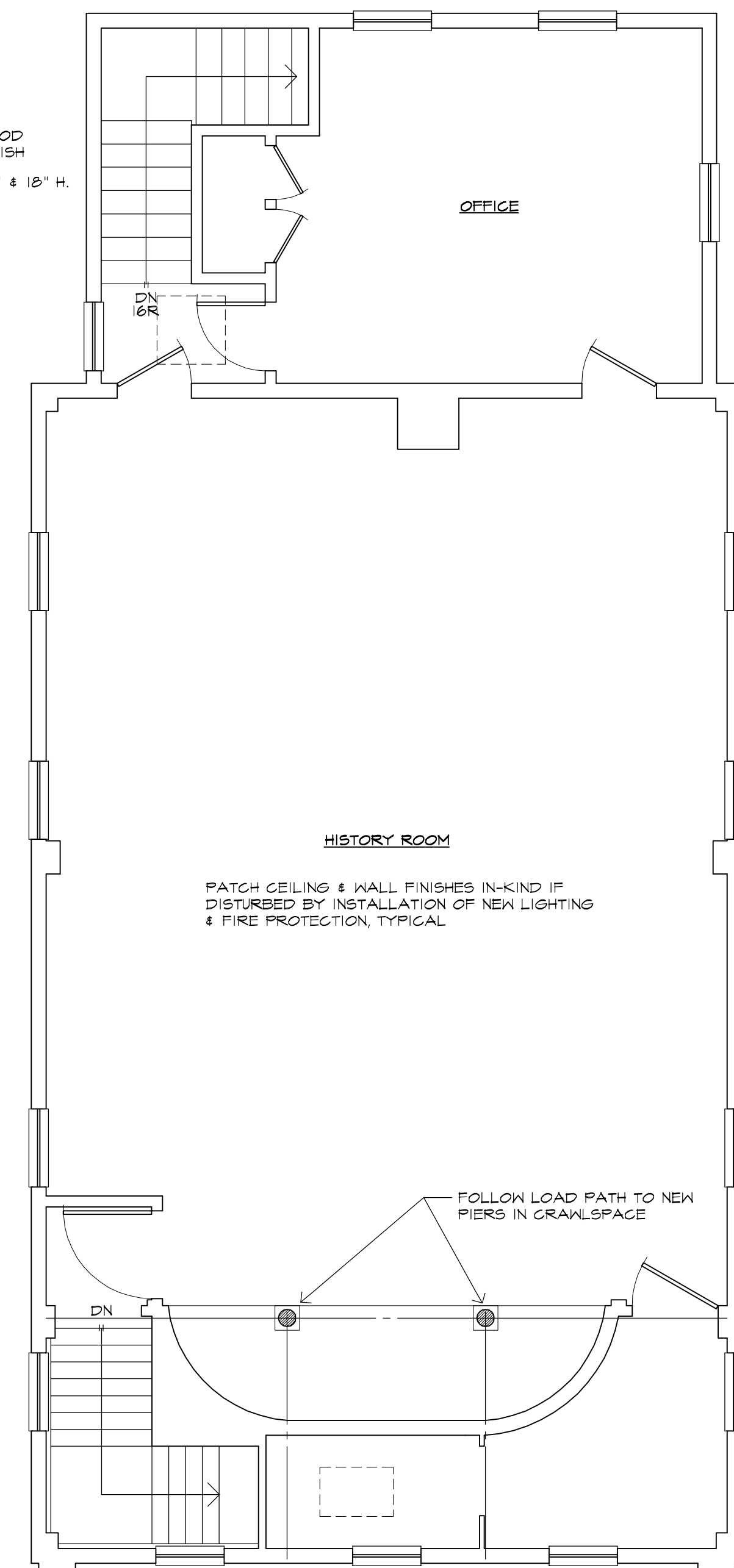
**1 FOUNDATION PLAN**  
SCALE: 1/4"=1'-0"



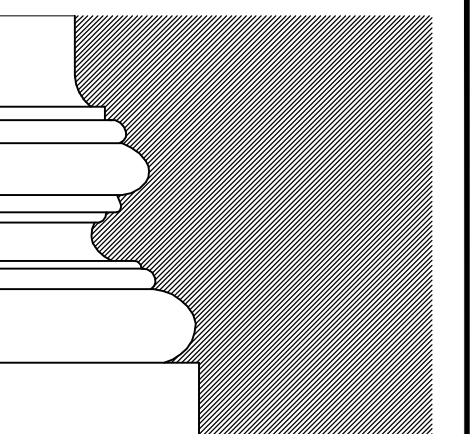
**2 FIRST FLOOR PLAN**  
SCALE: 1/4"=1'-0"



**5 DETAIL @ NEW FLOOR CONSTRUCTION**  
SCALE: 1"=1'-0"



**3 SECOND FLOOR PLAN**  
SCALE: 1/4"=1'-0"



EVELYN COLE SMITH ARCHITECTS, LLC

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Woodstock, CT  
06281  
860 377 9338

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Stabilization & ADA  
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**Mount Everett  
Academy**

1 Buttonball Lane  
S. Egremont, MA 01230

Prepared for

**Town of Egremont**

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**Floor Plans, Details,  
& Schedules**

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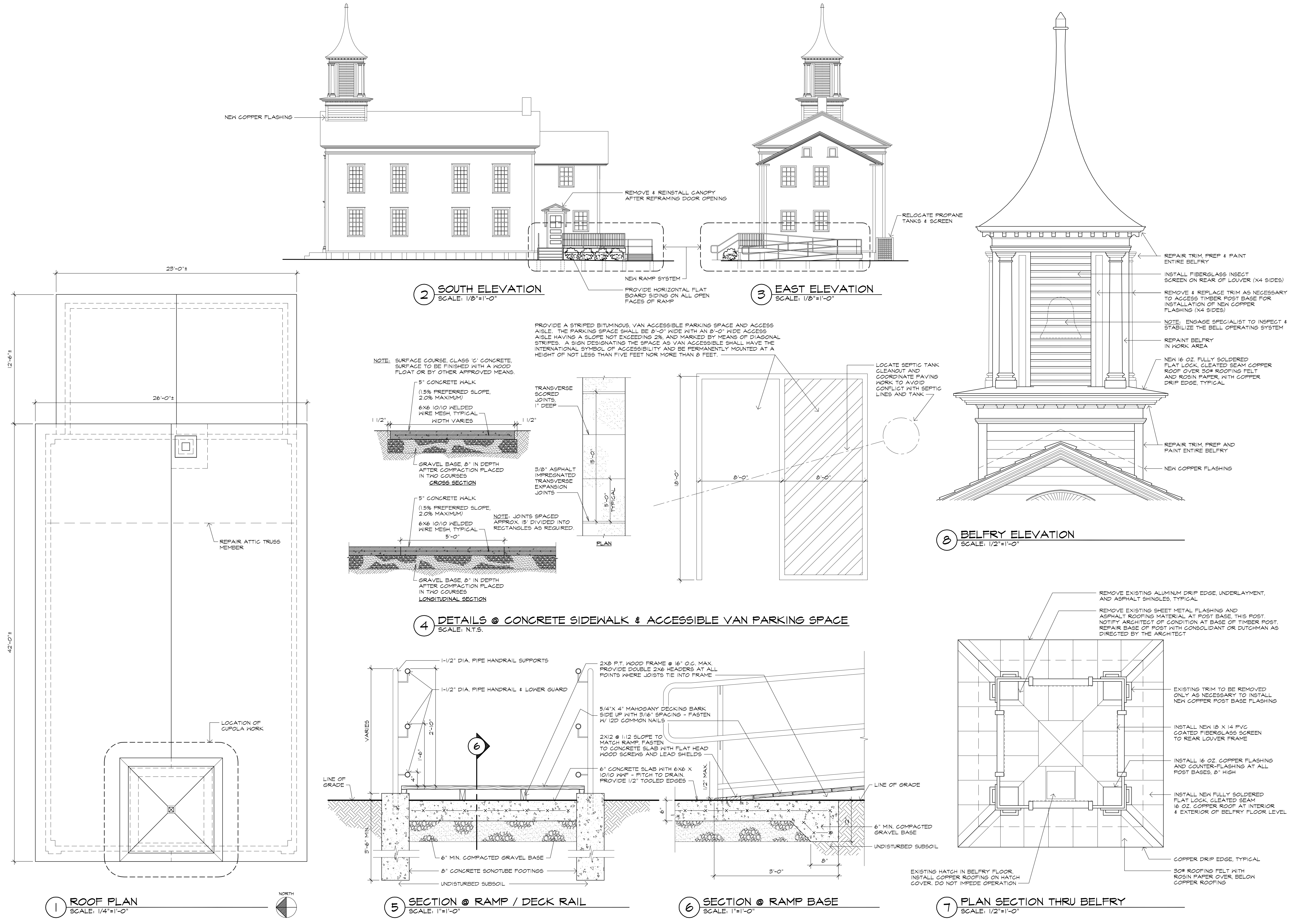
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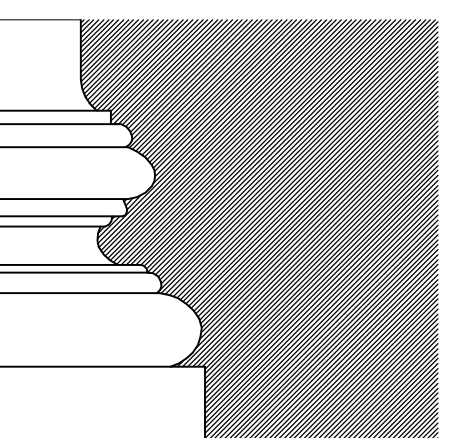
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SHEET

**A-1**

2 OF 8





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**Roof Plan, Elevations, Details, & Belfry Details**

PROJ. NO. 2019027

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SHEET

**A-2**

3 OF 8

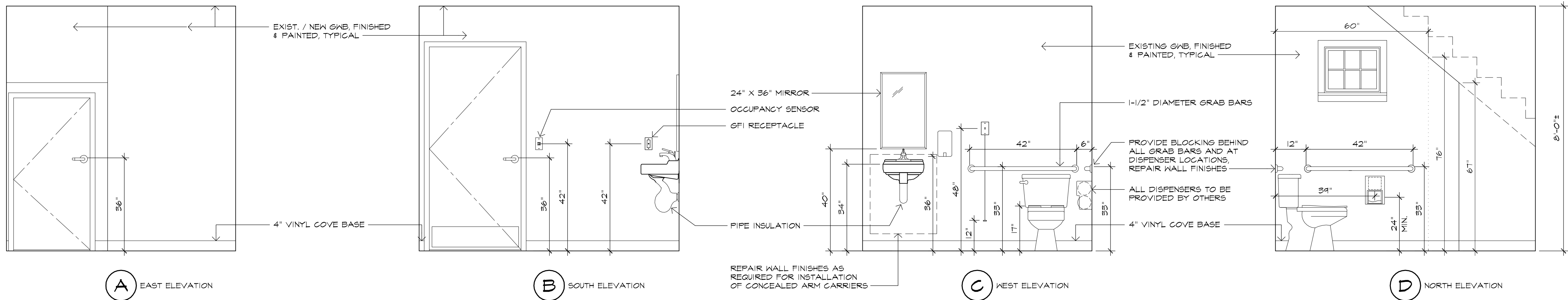


Room Finish Schedule											
Room Name	Floor		Walls				Ceiling		Door Paint	Frame Paint	Remarks
	Material	Base	North	East	South	West	Material	Paint			
Unisex Toilet	SV	PVC	P-2	P-2	P-2	P-2	E GWB	P-1	P-3	P-3	Patch exist ceiling
Vestibule	Wood	Wood	P-2	P-2	P-2	P-2	E GWB	P-1	P-3	P-3	Patch exist ceiling
Storage	Wood	Wood	P-2	P-2	P-2	P-2	E GWB	P-1	P-3	P-3	Patch exist ceiling
Janitor's Closet	Conc	NA	P-2	P-2	P-2	P-2	N GWB	P-1	P-3	P-3	New sheetrock clg.

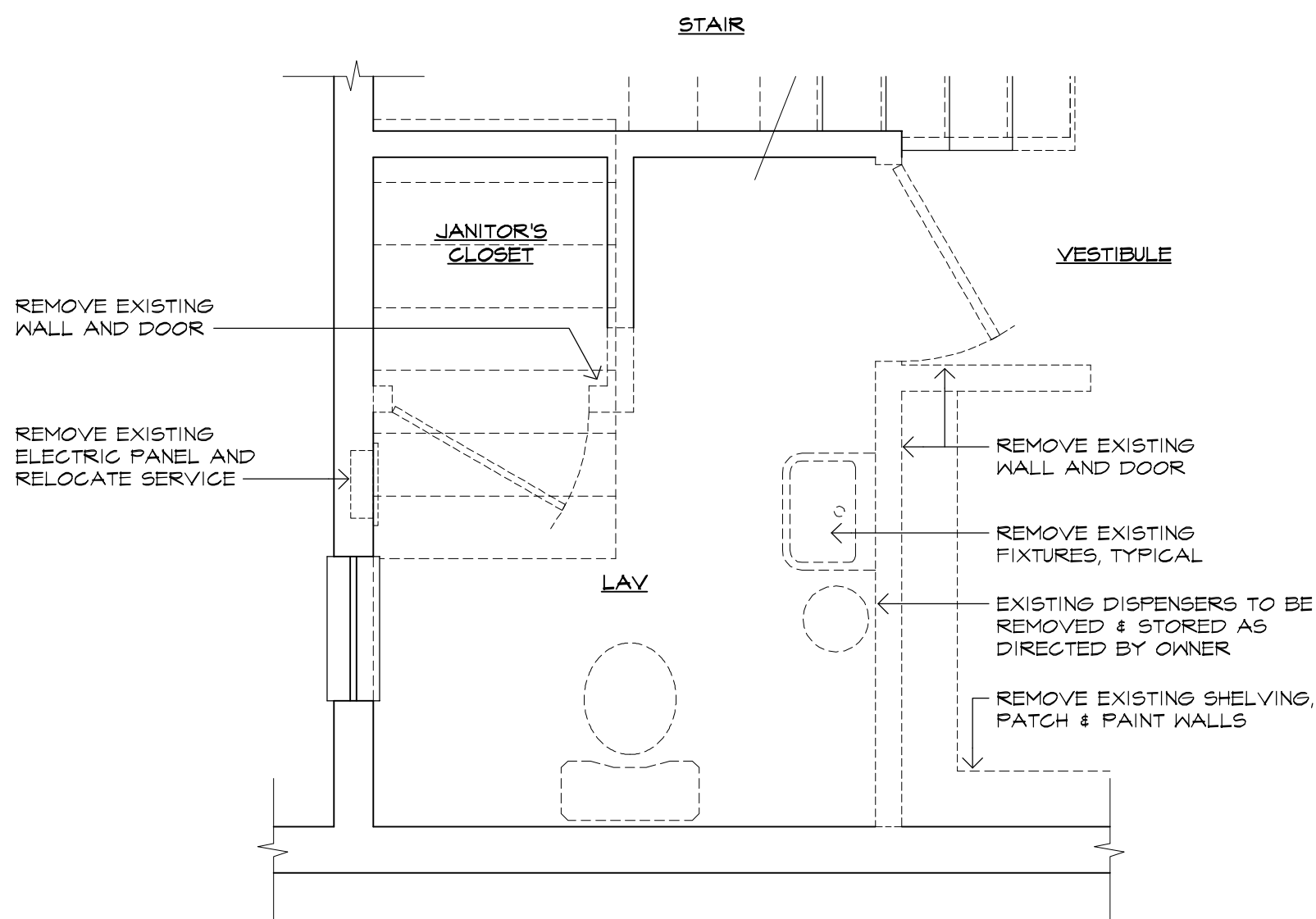
Notes:  
P-1: Sherwin Williams, Ceiling white  
P-2: Sherwin Williams, acrylic latex, semi-gloss finish, color to be determined.  
P-3: Sherwin Williams, acrylic latex, semi-gloss finish, white to match existing trim.

Wood floor to be 3/4" x 4 pine, stained to match adjacent interior stair.  
Wood base to be 1 x 4 pine, primed and painted P-3.  
SV, sheet vinyl floor to be selected from Mannington, Luxury Sheet Vinyl, Platinum Level standard wood look line.  
PVC, to be similar to Azek, 1 x 4 base with 3/4" quarter round trim.  
Door casings to be 1 x 4 flat stock pine, primed and painted.

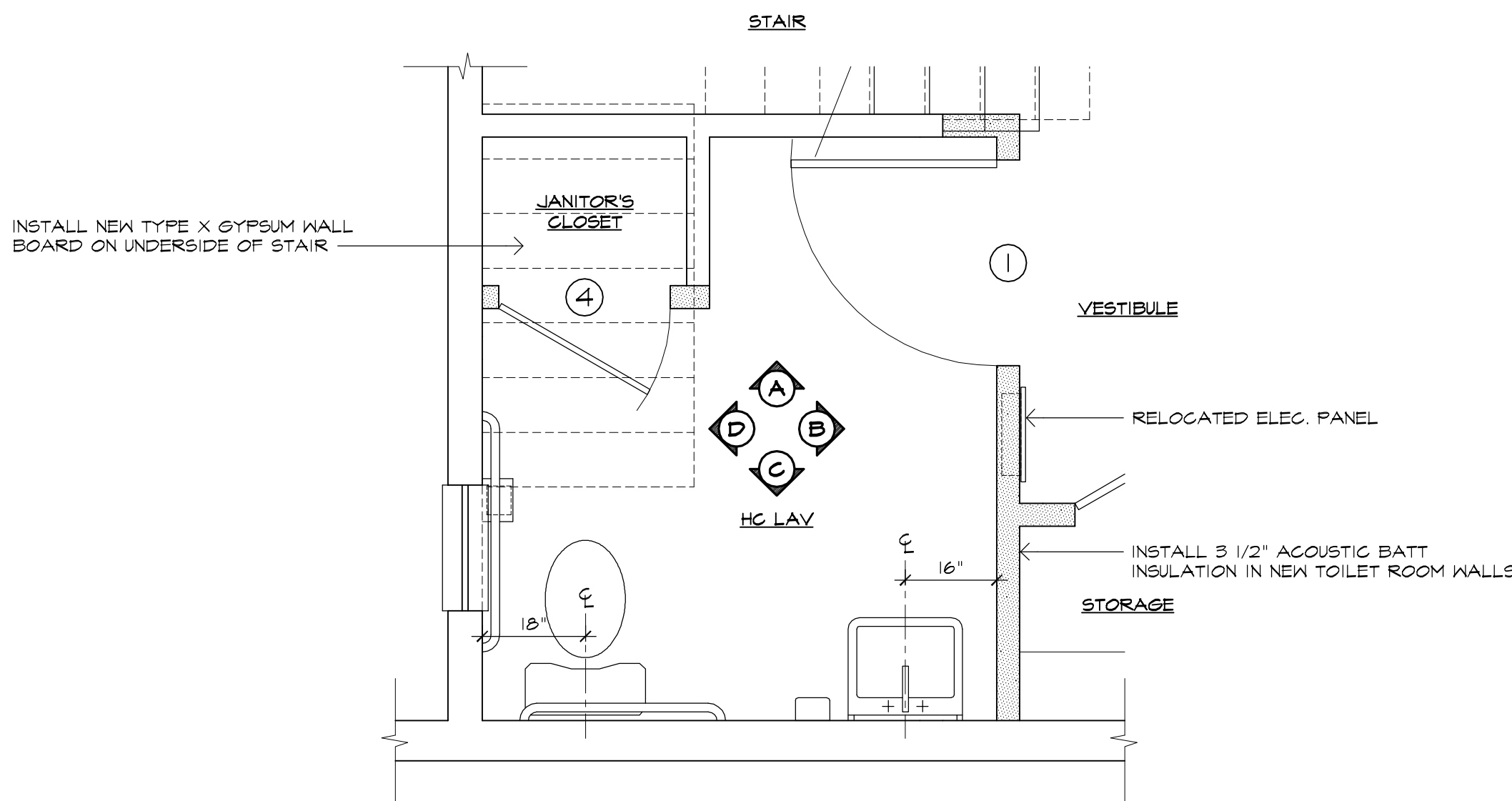
DOOR SCHEDULE										
DESCRIPTION		SIZE			MATERIAL		FRAME	HARDWARE	REMARKS	
ROOM NAME	DOOR NUMBER	WIDTH	HEIGHT	THICKNESS	TYPE	WOOD	FOUR PANEL	FRAME MATERIAL	SET NUMBER	
Unisex Toilet Room	1	3'-0"	6'-8"	1 3/8"	A	•	•	New Wood	1	New opening, point door and trim.
Storage Closet	2	3'-0"	6'-8"	1 3/8"	A	•	•	New Wood	2	New opening, point door and trim.
Entrance Door	3	3'-0"	6'-8"	1 3/4"	Exist	•		Modified, Wood	3	Enlarge existing opening, point door and trim.
Janitor's Closet	4	2'-0"	5'-0"	1 3/8"	A	•	•	New Wood	2	Create new opening, point door and trim.
1. Door Type A to have solid wood core, raised panels, poplar veneer for paint finish.										
2. Prime and Paint with 2 finish coats of semi-gloss latex acrylic paint.										
Hardware Sets										
Set 1				Set 2				Set 3		
1 1/2 Pair spring hinges				1 1/2 Pair butt hinges				1 1/2 Pair butt hinges		
Lever handle privacy set				Lever handle lockset				Lever handle lockset		
Kickdown door holder				Kickdown door holder				ADA compliant closer		
Kickplate								ADA Aluminum Threshold		
								Weatherstripping		



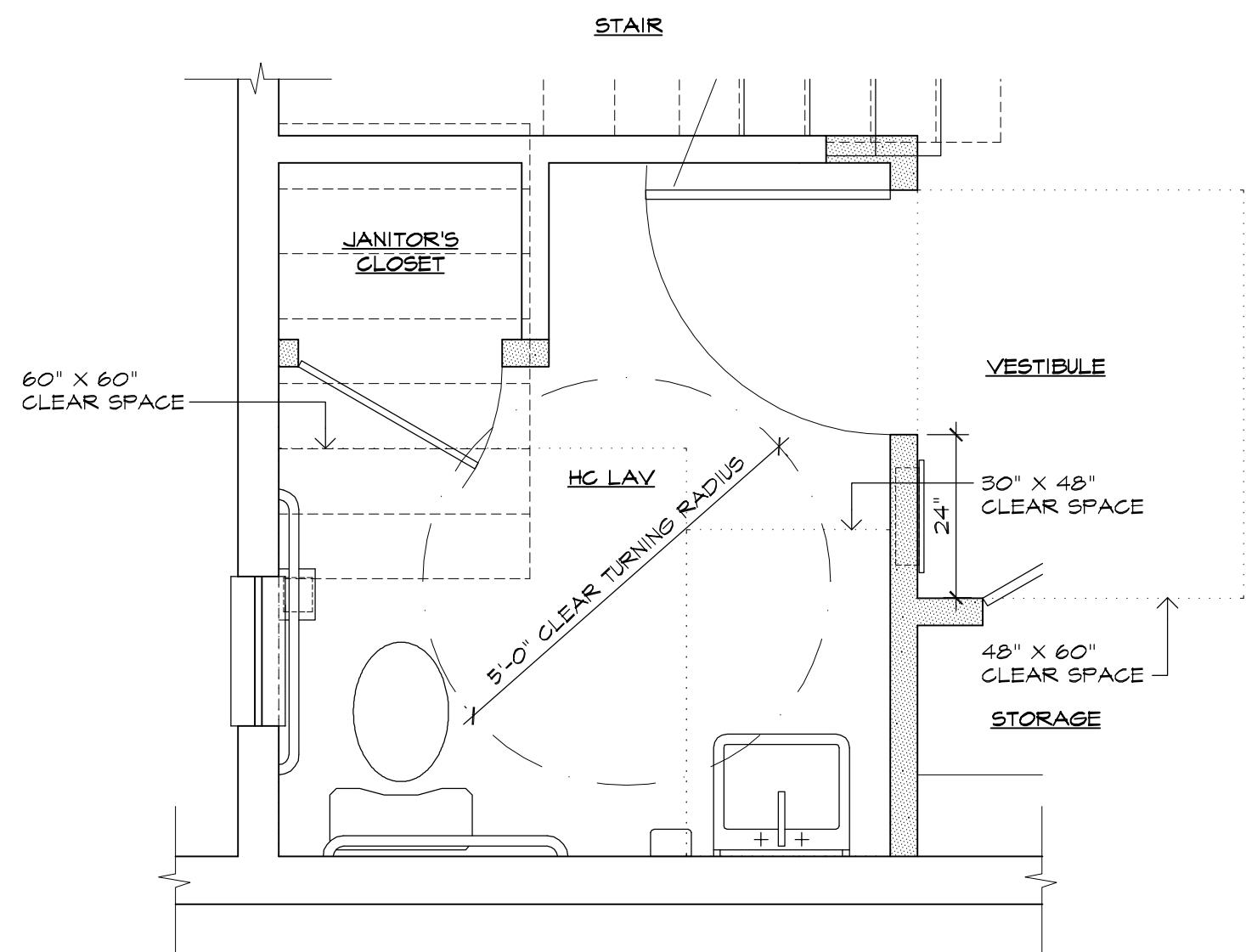
4 INTERIOR ELEVATIONS, TOILET RM - MOUNTING HEIGHTS  
SCALE: 1/2"=1'-0"



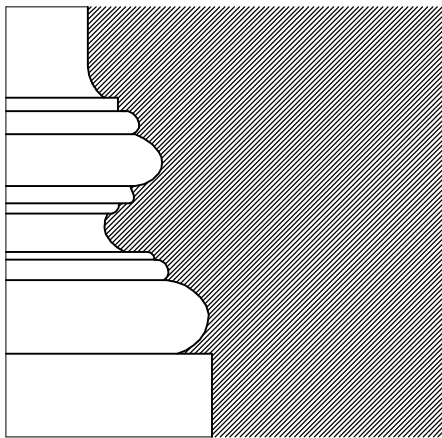
1 DEMOLITION PLAN  
SCALE: 1/2"=1'-0"



2 NEW CONSTRUCTION PLAN  
SCALE: 1/2"=1'-0"



3 ADA FLOOR CLEARANCE PLAN  
SCALE: 1/2"=1'-0"



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Toilet Room  
Enlarged Plan &  
Interior Elevations,  
& Schedules

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DRAWN CLINTON RICHMOND

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SHEET

A-3

4 OF 8

REMOVE EXISTING GFCI DUPLEX RECEPTACLE AND ASSOCIATED WIRING/CONDUIT BACK TO LAST ACTIVE SOURCE.

REMOVE EXISTING WALL SCONCE AND ASSOCIATED WIRING/CONDUIT BACK TO LAST ACTIVE SOURCE. TYPICAL.

EXISTING SINK TO BE REMOVED.

REMOVE EXISTING LUMINAIRE. EXISTING WIRING/CONDUIT TO REMAIN AND BE REUSED.

EXISTING ELECTRICAL UTILITY METER TO REMAIN AND BE REUSED. REMOVE EXISTING SERVICE ENTRANCE (SE) CABLING FROM METER TO EXISTING PANELBOARD.

REMOVE EXISTING FIRE ALARM CONTROL PANEL AND ASSOCIATED DIGITAL COMMUNICATOR. EXISTING TELEPHONE LINES TO BE RELOCATED.

EXISTING FIRE ALARM CONTROL PANEL, DIGITAL COMMUNICATOR AND ASSOCIATED TELEPHONE LINES, WIRING AND CONDUIT TO BE RELOCATED.

EXISTING TEMP CONTROL THERMOSTAT AND ASSOCIATED WIRING TO BE REMOVED AND RELOCATED TO ALLOW FOR DEMOLITION OF EXISTING WALL.

EXISTING ELECTRICAL PANEL TO BE REMOVED AND RELOCATED. EXISTING BRANCH CIRCUITRY TO BE PULLED BACK TO JUNCTION BOX IN MAIN LIBRARY AREA.

EXISTING TOILET TO BE REMOVED. EXISTING DCW AND SANITARY PIPING TO BE REROUTED/MODIFIED/ EXTENDED TO PROPOSED TOILET LOCATION.

EXISTING INSTANTANEOUS WATER HEATER TO BE REMOVED. EXISTING PIPING, WIRING/ CONDUIT TO REMAIN AND BE REUSED.

EXISTING COMBUSTION AIR LOUVER TO REMAIN AND BE REUSED.

EXISTING SUPPLY GRILLE TO REMAIN AND BE REUSED. TYPICAL.

APPROXIMATE LOCATION OF EXISTING JUNCTION BOX ABOVE CEILING. EXISTING BRANCH CIRCUITRY TO BE PULLED BACK TO JUNCTION BOX AND THEN REROUTED/MODIFIED/EXTENDED FROM JUNCTION BOX TO PROPOSED PANEL LOCATION AS REQUIRED BY CODE FOR RECONNECTION.

EXISTING RETURN GRILLE TO REMAIN AND BE REUSED. TYPICAL.

EXISTING DUCTWORK TO REMAIN AND BE REUSED. TYPICAL.

EXISTING EMERGENCY LIGHTING UNIT TO REMAIN AND BE REUSED.

EXISTING COMBINATION DUAL HEAD EMERGENCY LIGHTING EXIT SIGN TO REMAIN AND BE REUSED. TYPICAL.

REMOVE EXISTING REMOTE EMERGENCY LIGHTING HEAD. EXISTING WIRING/ CONDUIT TO REMAIN AND BE REUSED.

EXISTING EXTERIOR WALL SCONCE TO REMAIN AND BE REUSED.

EXISTING FIRE ALARM KNOX BOX TO REMAIN AND BE REUSED.

EXISTING DUCTWORK TO BE REROUTED/ RELOCATED AS REQUIRED TO ALLOW FOR INSTALLATION OF PROPOSED WALL.

EXISTING SECURITY CONTROL PANEL TO BE REMOVED AND RELOCATED.

EXISTING COMBINATION EMERGENCY LIGHTING UNIT/EXIT SIGN TO BE RELOCATED. REROUTE/ MODIFY/EXTEND EXISTING WIRING/CONDUIT AS REQUIRED FOR RELOCATION TO ALLOW FOR INCREASE IN DOOR OPENING.

REMOVE EXISTING EXTERIOR LUMINAIRE AND ASSOCIATED WIRING/CONDUIT BACK TO LAST ACTIVE SOURCE.

REMOVE EXISTING REMOTE EMERGENCY LIGHTING UNIT AND ASSOCIATED WIRING/ CONDUIT TO REMOVED BACK TO LAST ACTIVE SOURCE.

EXISTING COMBINATION DUAL HEAD EMERGENCY LIGHT EGRESS SIGN TO REMAIN AND BE REUSED. TYPICAL.

REMOVE EXISTING EMERGENCY LIGHTING UNIT. EXISTING WIRING/CONDUIT TO REMAIN AND BE REUSED.

REMOVE EXISTING NON-ILLUMINATED EXIT SIGNAGE. TYPICAL.

EXISTING SUPPLY AND RETURN GRILLES TO REMAIN AND BE REUSED. TYPICAL.

**ELECTRICAL DEMOLITION NOTE:**

1. CONTRACTOR SHALL REROUTE/MODIFY/EXTEND EXISTING LOW VOLTAGE WIRING AS REQUIRED TO ALLOW FOR DEMOLITION OF EXISTING BATHROOM AND STORAGE ROOM WALLS.

**FIRST FLOOR PLUMBING/MECHANICAL/ELECTRICAL  
DEMOLITION PLAN**

SCALE: 1/4"=1'-0"

**SECOND FLOOR PLUMBING/MECHANICAL/ELECTRICAL  
DEMOLITION PLAN**

SCALE: 1/4"=1'-0"

REVISIONS		
REV.	DESCRIPTION	DATE

CONSULTANT:

**SALAMONE  
&  
ASSOCIATES, P.C.**  
**CONSULTING ENGINEERS**

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Wallingford, Connecticut 06492  
Phone: (203) 281-8895 Fax: (203) 287-8728

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PROJECT TITLE

CONTRACT DOCUMENTS  
FOR  
**MOUNT EVERETT  
ACADEMY  
ADA AND CODE  
COMPLIANCE**

SOUTH EGREMONT, MASSACHUSETTS

DRAWING TITLE

**PLUMBING/MECHANICAL/  
ELECTRICAL  
DEMOLITION PLANS**

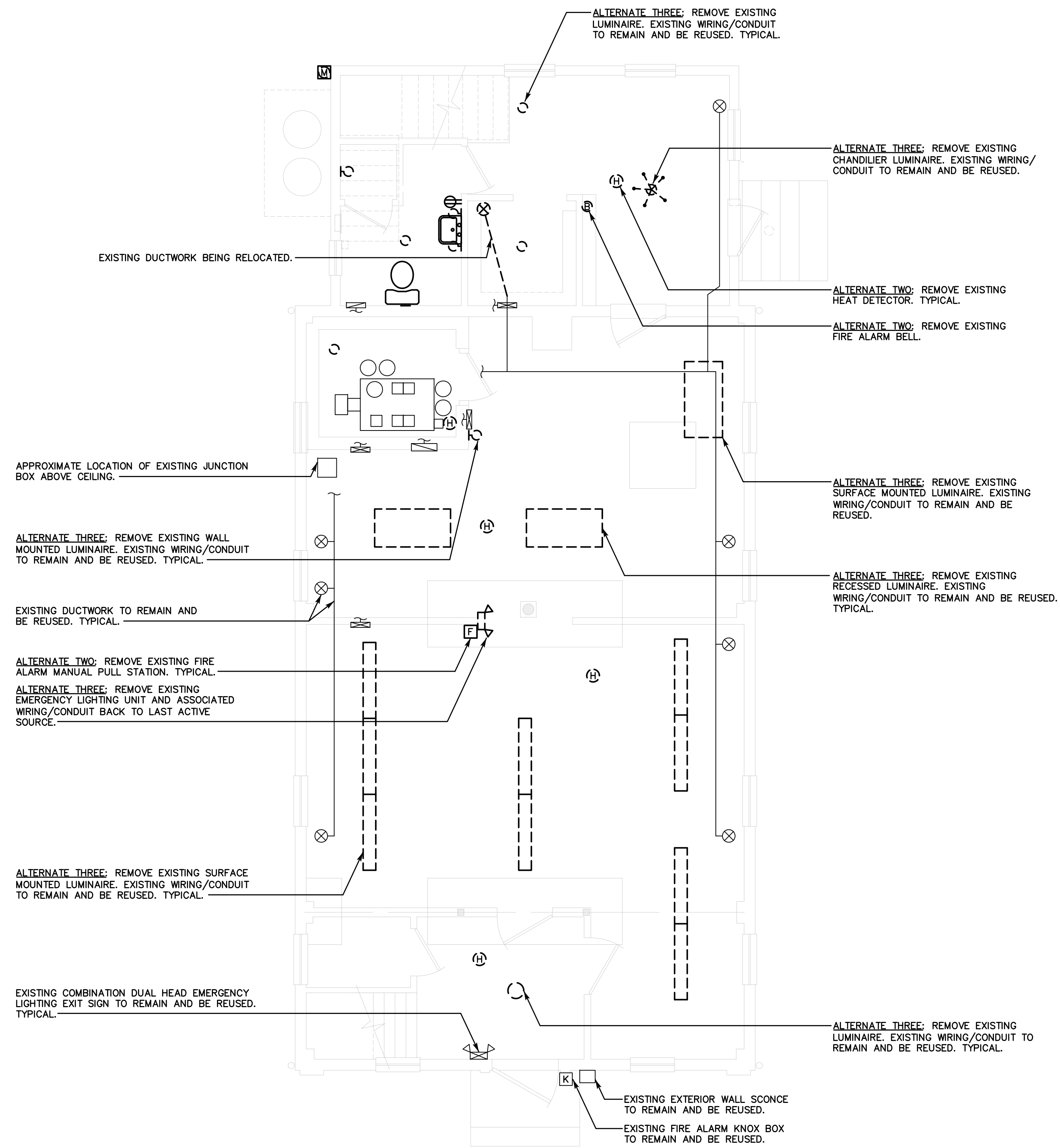
JOB NO.	941 3694.01
PROJECT MANAGER	JAS
ENGINEER/DESIGNER	FB
DRAWN BY	BG
SCALE	AS NOTED
DATE	OCTOBER 7, 2021

CAD FILE: EGREMONT ACADEMY DPME-1

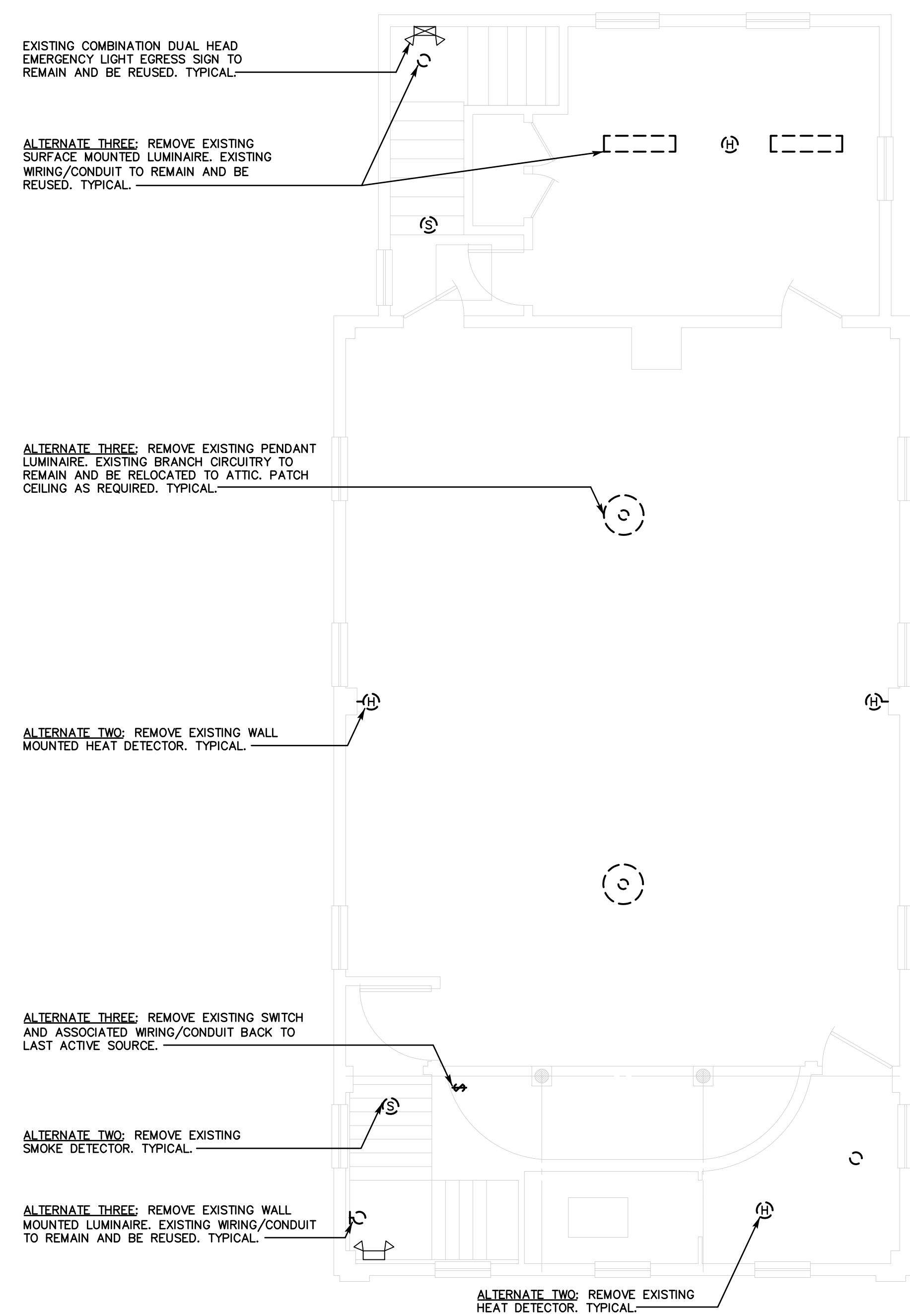
SEAL:

DRAWING NO.

**DPME-1**



**FIRST FLOOR ELECTRICAL  
DEMOLITION ALTERNATE PLAN**  
SCALE: 1/4"=1'-0"



**SECOND FLOOR ELECTRICAL  
DEMOLITION ALTERNATE PLAN**  
SCALE: 1/4"=1'-0"

REVISIONS		
REV.	DESCRIPTION	DATE

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&  
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PROJECT TITLE  
  
CONTRACT DOCUMENTS  
FOR  
**MOUNT EVERETT  
ACADEMY  
ADA AND CODE  
COMPLIANCE**  
SOUTH EGREMONT, MASSACHUSETTS

DRAWING TITLE  
**FIRST & SECOND FLOOR  
ELECTRICAL DEMOLITION  
ALTERNATE PLANS**

JOB NO.	941 3694.01
PROJECT MANAGER	JAS
ENGINEER/DESIGNER	FB
DRAWN BY	BG
SCALE	AS NOTED
DATE	OCTOBER 7, 2021
CAD FILE: EGREMONT ACADEMY DE-1 ALT	

SEAL:

DRAWING NO.  
  
**DE-1 ALT**

PROVIDE CALL-FOR-AID COMBINATION BUZZER/LIGHT.

REROUTE/MODIFY/EXTEND EXISTING DUCTWORK AS REQUIRED TO ALLOW FOR INSTALLATION OF PROPOSED WALL. TYPICAL.

PROPOSED RELOCATION POSITION OF EXISTING PANELBOARD. PROVIDE 2" 3-#3/0 AWG + #6 GND FOR CONNECTION TO PROPOSED SERVICE ENTRANCE RATED CIRCUIT BREAKER ENCLOSURE. PROVIDE WIRING AND CONDUIT FOR RECONNECTION OF EXISTING BRANCH CIRCUITRY (PULLED BACK TO JUNCTION BOX) TO PANELBOARD. MATCH EXISTING.

PROVIDE MULTI-TECHNOLOGY OCCUPANCY SENSOR WALL SWITCH. PROVIDE 1/2" 2-#12 AWG + #12 GND FOR CONNECTION/CONTROL OF ROOM LUMINAIRE.

PROVIDE GFCI DUPLEX RECEPTACLE. PROVIDE 1/2" 2-#12 AWG + #12 GND FOR CONNECTION TO PANEL. PROVIDE 20A/1P CIRCUIT BREAKER FOR PANEL. USE NEXT AVAILABLE SPACE. TYPICAL.

PROVIDE 200A SERVICE ENTRANCE RATED CIRCUIT BREAKER ENCLOSURE. ELECTRICAL BOX NOTES AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

PROVIDE ADA SINK KOHLER MODEL K-2005 WITH TOUCH-LESS FAUCET. SLOAN EBF-650 OR APPROVED EQUAL. PROVIDE CONCEALED ARM CARRIERS. PROVIDE CONNECTION TO DCW + POINT OF USE WATER HEATER PER MANUFACTURERS REQUIREMENTS. REROUTE/EXTEND/MODIFY DCW/SAN/VENT PIPING FOR CONNECTION. INSULATE ALL PIPING.

PROVIDE WALL VENT KIT WITH 4" RIGID DUCT FOR CONNECTION TO EXHAUST FAN. NUTONE MODEL WVK2A. DUCTWORK TO BE CONCEALED ABOVE CEILING.

PROVIDE RECESSED MOUNTED EXHAUST FAN. NUTONE MODEL EZ80N. EXHAUST FAN TO BE CONTROLLED BY ROOM LIGHTING SWITCH. PROVIDE CONNECTION TO ROOM LIGHTING CIRCUIT.

PROVIDE AMERICAN STANDARD TOILET MODEL 215FA WITH ELONGATED OPEN FRONT SEAT. AMERICAN STANDARD MODEL 5901. REROUTE/EXTEND/MODIFY EXISTING DCW/SAN/VENT PIPING FOR CONNECTION TO PROPOSED TOILET. INSULATE ALL PIPING.

PROVIDE INSULATION FOR EXISTING AND PROPOSED DOMESTIC PIPING. TYPICAL.

PROVIDE LUMINAIRE OF TYPE INDICATED. RECONNECT TO EXISTING WIRING/CONDUIT. REROUTE/MODIFY/EXTEND EXISTING WIRING/CONDUIT AS REQUIRED FOR RECONNECTION.

APPROXIMATE LOCATION OF EXISTING JUNCTION BOX ABOVE CEILING. REROUTED/MODIFIED/EXTENDED EXISTING BRANCH CIRCUITRY FROM JUNCTION BOX TO PROPOSED PANEL LOCATION AS REQUIRED BY CODE FOR RECONNECTION. TYPICAL.

PROVIDE CALL-FOR-AID MANUAL PULL STATION. PROVIDE 1/2" 2-#12 AWG + #12 GND FOR CONNECTION TO PANEL. PROVIDE 15A/1P CIRCUIT BREAKER FOR PANEL. USE NEXT AVAILABLE SPACE.

FIRE CAULK PENETRATION. FIRE CAULKING SHALL MEET/EXCEED RATING OF WALL. TYPICAL.

PROVIDE ELECTRIC INSTANTANEOUS WATER MATCHING EXISTING. RECONNECT TO EXISTING WIRING, CONDUIT AND PIPING.

EXISTING SUPPLY GRILLES AND ALL ASSOCIATED DUCTWORK TO REMAIN AND BE CLEANED. REFER TO BOX NOTE AND SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.

EXISTING DUCTWORK TO REMAIN AND BE CLEANED. REFER TO BOX NOTE AND SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.

EXISTING DUCTWORK TO REMAIN AND BE CLEANED. REFER TO BOX NOTE AND SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.

EXISTING COMBINATION EMERGENCY LIGHTING UNIT/EXIT SIGN TO REMAIN. TYPICAL.

PROVIDE REMOTE EMERGENCY LIGHTING UNIT OF TYPE INDICATED. RECONNECT TO EXISTING WIRING/CONDUIT. REROUTE/MODIFY/EXTEND EXISTING WIRING/CONDUIT AS REQUIRED FOR RECONNECTION.

EXISTING FIRE ALARM KNOX BOX TO REMAIN.

PROVIDE LUMINAIRE OF TYPE INDICATED. PROVIDE CONNECTION TO PROPOSED LIGHTING CIRCUIT FOR CANOPY LUMINAIRE. PROVIDE 1/2" 2-#12 AWG + #12 GND FOR CONNECTION.

PROPOSED RELOCATION POSITION OF EXISTING SECURITY CONTROL PANEL. REROUTE/MODIFY/EXTEND ASSOCIATED WIRING AND CONDUIT AS REQUIRED.

PROPOSED RELOCATION POSITION OF EXISTING FIRE ALARM CONTROL PANEL AND DIGITAL COMMUNICATOR. REROUTE/MODIFY/EXTEND ASSOCIATED TELEPHONE LINES, WIRING AND CONDUIT AS REQUIRED. SYSTEM TO BE RE-TESTED. OBTAIN AND PAY FOR SERVICES OF FIRE ALARM VENDOR AS REQUIRED.

PROPOSED RELOCATION POSITION OF EXISTING COMBINATION EMERGENCY LIGHTING UNIT/EXIT SIGN. PROVIDE CONNECTION EXISTING WIRING/CONDUIT. REROUTE/MODIFY/EXTEND AS REQUIRED.

PROVIDE LUMINAIRE OF TYPE INDICATED FOR PROPOSED CANOPY. PROVIDE 1/2" 2-#12 AWG + #12 GND FOR CONNECTION TO ELECTRICAL PANEL. PROVIDE 20A/1P CIRCUIT BREAKER FOR PANEL. USE NEXT AVAILABLE SPACE.

PROVIDE DUAL HEAD REMOTE EMERGENCY LIGHTING UNIT OF TYPE INDICATED. PROVIDE CONNECTION TO PROPOSED COMBINATION EMERGENCY LIGHTING UNIT/EXIT SIGN.

PROVIDE CARBON MONOXIDE DETECTOR COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. TYPICAL.

EXISTING DUCTWORK AND ALL ASSOCIATED GRILLES TO REMAIN AND BE CLEANED. REFER TO BOX NOTE AND SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.

EXISTING SUPPLY GRILLES AND ALL ASSOCIATED DUCTWORK TO REMAIN AND BE CLEANED. REFER TO BOX NOTE AND SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.

PROVIDE COMBINATION DUAL HEAD EMERGENCY LIGHTING UNIT/EXIT SIGN. PROVIDE CONNECTION TO EXISTING ROOM LIGHTING CIRCUIT. PROVIDE 1/2" 2-#12 AWG + #12 GND. WIRING/CONDUIT TO BE CONCEALED.

EXISTING RETURN GRILLES AND ALL ASSOCIATED DUCTWORK TO REMAIN AND BE CLEANED. REFER TO BOX NOTE AND SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.

#### DUCT CLEANING NOTE:

CONTRACTOR SHALL CLEAN ALL EXISTING EQUIPMENT, DUCTWORK AND AIR INLET AND OUTLETS SERVING THE ENTIRE BUILDING. DOCUMENTS DO NOT SHOW FULL EXTENT OF SCOPE. ALL DRAWINGS ARE DIAGRAMMATIC AND MAY NOT INDICATE ALL SIZES, DUCTS, DIFFUSERS AND GRILLES TO BE CLEANED. CONTRACTOR SHALL VISIT THE PROJECT SITE AND BID ACCORDINGLY. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.

#### ELECTRICAL NOTES:

- CONTRACTOR TO PROVIDE 200A, 1PH, 120/240V, NEMA 3R SERVICE ENTRANCE RATED CIRCUIT BREAKER ENCLOSURE WITH 200A/2P, 240V MCB.
- PROVIDE 2" 3-#3/0 AWG + #6 GND FOR CONNECTION FROM EXISTING METER SOCKET TO PROPOSED SERVICE ENTRANCE RATED CIRCUIT BREAKER (CB) ENCLOSURE. PROVIDE 2" 3-#3/0 AWG + #6 FOR CONNECTION FROM CB ENCLOSURE TO EXISTING PANEL.
- PROVIDE 3/4" 1-#4 SERVICE GROUNDING ELECTRODE CONDUCTORS FOR SERVICE ENTRANCE CB ENCLOSURE GROUNDS. PROVIDE MINIMUM TWO (2) 5/8" X 10' COPPER GROUND RODS. SERVICE SHALL ALSO BE GROUNDED TO BUILDINGS WATER MAIN PIPING.
- CONTRACTOR TO CARRY AN ALLOWANCE OF \$1,000 FOR LOCAL UTILITY COMPANY CHARGES.
- CONTRACTOR SHALL PROVIDE SURGE PROTECTION DEVICE FOR PANEL LEVITON 51120-1 OR APPROVED EQUAL. INSTALL PER MANUFACTURERS REQUIREMENTS.

## FIRST FLOOR PLUMBING/MECHANICAL/ELECTRICAL PLAN

SCALE: 1/4"=1'-0"

## SECOND FLOOR PLUMBING/MECHANICAL/ELECTRICAL PLAN

SCALE: 1/4"=1'-0"

REVISIONS		
REV.	DESCRIPTION	DATE

CONSULTANT:

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&  
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**CONSULTING ENGINEERS**  
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PROJECT TITLE

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ADA AND CODE  
COMPLIANCE**

SOUTH EGREMONT, MASSACHUSETTS

DRAWING TITLE

**PLUMBING/MECHANICAL/  
ELECTRICAL PLANS**

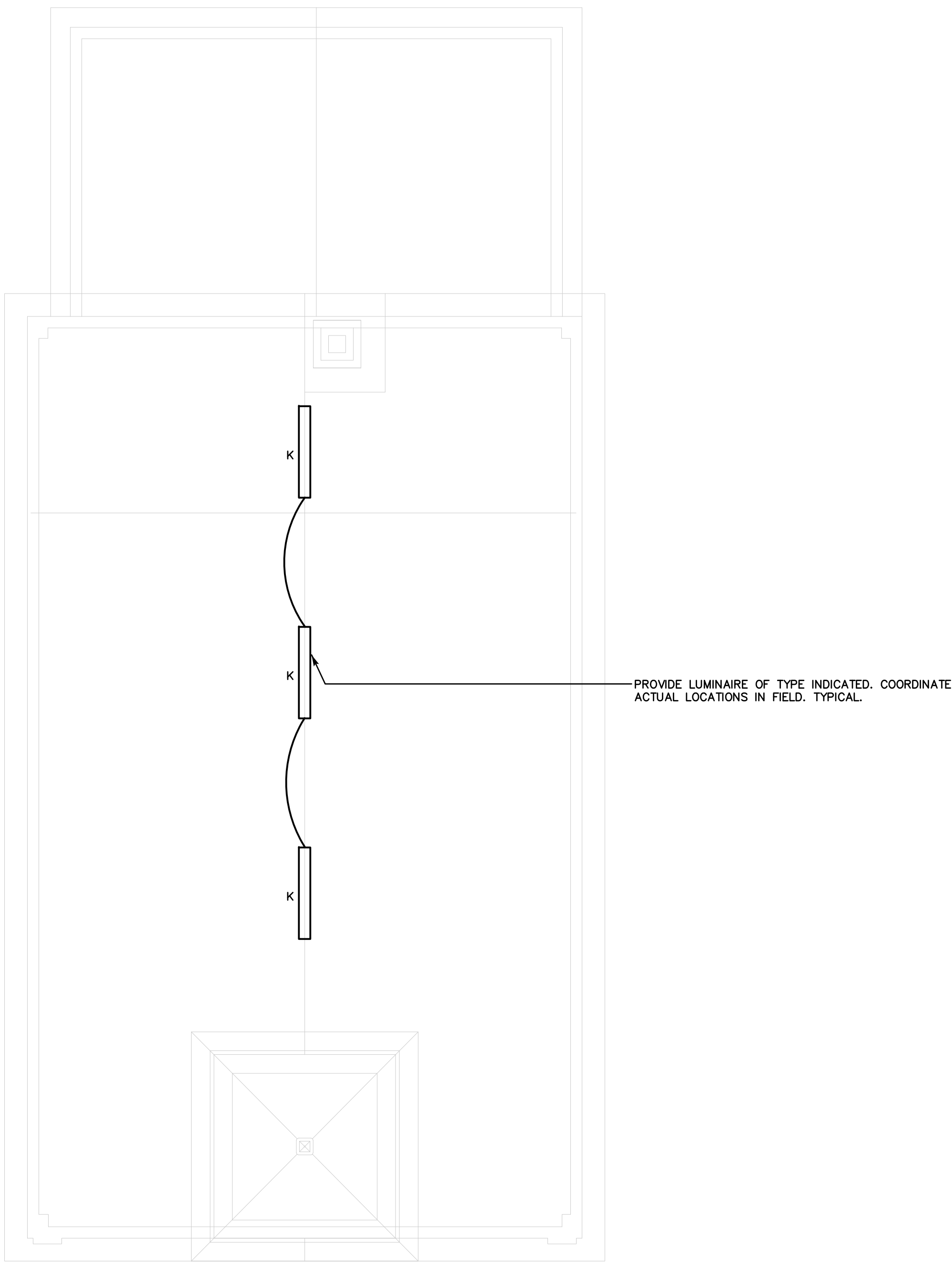
JOB NO.	941 3694.01
PROJECT MANAGER	JAS
ENGINEER/DESIGNER	FB
DRAWN BY	BG
SCALE	AS NOTED
DATE	OCTOBER 7, 2021

CAD FILE: EGREMONT ACADEMY PME-1

SEAL:

DRAWING NO.

**PME-1**



**ATTIC**  
**PLUMBING/MECHANICAL/ELECTRICAL PLAN**  
SCALE: 1/4"=1'-0"

**ATTIC LIGHTING NOTE:**  
CONTRACTOR SHALL PROVIDE LIGHT SWITCH AT EACH ATTIC ENTRY POINT. PROVIDE 1/2"Ø, 2-#12 AWG + #12 GND FOR CONNECTION TO PANEL. PROVIDE 20A/1P, 240V CIRCUIT BREAKER FOR PANEL. USE NEXT AVAILABLE SPACE.

REVISIONS		
REV.	DESCRIPTION	DATE

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PROJECT TITLE  
  
CONTRACT DOCUMENTS  
FOR  
**MOUNT EVERETT  
ACADEMY  
ADA AND CODE  
COMPLIANCE**  
SOUTH EGREMONT, MASSACHUSETTS

DRAWING TITLE  
**PLUMBING/MECHANICAL/  
ELECTRICAL ATTIC  
PLAN**

JOB NO.	941 3694.01
PROJECT MANAGER	JAS
ENGINEER/DESIGNER	FB
DRAWN BY	BG
SCALE	AS NOTED
DATE	OCTOBER 7, 2021
CAD FILE: EGREMONT ACADEMY PME-2	

SEAL:

DRAWING NO.  
  
**PME-2**



LUMINAIRE SCHEDULE					
LTG. CODE	DESCRIPTIONS	VOLTS	CATALOG NO./MANUFACTURER	MOUNTING	LAMPING
'A'	4'X4' WRAPAROUND LED. 4000 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. FROSTED ACRYLIC DIFFUSER. DIMMING DRIVER. WIRELESS CONNECTIVITY SYSTEM WITH INTEGRAL DAYLIGHT & OCCUPANCY SENSORS. WHITE FINISH. COMMISSIONING REMOTE. FIVE YEAR WARRANTY. UL LISTED.	UNV	FSW440LB35-UNV-DIM-SWZCS	SURFACE/CEILING	LED
'AE'	FIXTURE TYPE A WITH INTEGRAL 90 MINUTE EMERGENCY BATTERY PACK AND TEST SWITCH.	UNV	FSW440LB35-UNV-DIM-EMLED-SWZCS	SURFACE/CEILING	LED
'B'	2'X4' RECESSED LED. 4800 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. FLAT SMOOTH DIFFUSER. DIMMING DRIVER. WIRELESS CONNECTIVITY SYSTEM WITH INTEGRAL DAYLIGHT & OCCUPANCY SENSORS. WHITE FINISH. COMMISSIONING REMOTE. FIVE YEAR WARRANTY. UL LISTED.	UNV	2FGXG48LB35-4-FS-UNV-DIM-SWZCS	RECESSED/CEILING	LED
'BE'	FIXTURE TYPE B WITH INTEGRAL 90 MINUTE EMERGENCY BATTERY PACK AND TEST SWITCH.	UNV	2FGXG48LB35-4-FS-UNV-DIM-BSL10LST-SWZCS	RECESSED/CEILING	LED
'C'	1'X4' SURFACE MOUNTED LED. 4500 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. FLAT SMOOTH HEADS. RED LETTERING. WIRELESS CONNECTIVITY SYSTEM WITH INTEGRAL DAYLIGHT & OCCUPANCY SENSORS. WHITE FINISH. SURFACE MOUNT KIT. COMMISSIONING REMOTE. FIVE YEAR WARRANTY. UL LISTED.	UNV	1FGXG45LB35-4-FS-UNV-DIM-SWZCS-FSK14.	SURFACE/CEILING	LED
'D'	SWING ARM WALL SCONCE WITH SHADE. 12W LED E26/MEDIUM LIGHT SOURCE. METAL HOUSING. FINISH BY ARCHITECT/OWNER. UL LISTED.	120	13940XX	SURFACE/WALL	LED
'E'	COMBINATION DUAL HEAD EMERGENCY LIGHTING UNIT AND EXIT SIGN. LED. FULLY ADJUSTABLE HEADS. RED LETTERING. WHITE THERMOPLASTIC HOUSING. 90 MINUTE BATTERY BACK-UP. SELF-TESTING, SELF-DIAGNOSTICS. UL LISTED.	120	CLCNRW	UNIVERSAL	LED
'ER'	SINGLE HEAD (1.5W) LED REMOTE EXTERIOR EMERGENCY LIGHTING. FULLY ADJUSTABLE HEAD. THERMOPLASTIC HOUSING. MULTI-VOLTAGE. -4F TO 122° OPERATING TEMPERATURE. WHITE FINISH. UL LISTED WET LOCATIONS.	UNV	MLED1-W-WP	SURFACE/WALL	LED
'ER1'	DUAL HEAD (1.5W EACH) LED REMOTE EXTERIOR EMERGENCY LIGHTING. FULLY ADJUSTABLE HEAD. THERMOPLASTIC HOUSING. MULTI-VOLTAGE. -4F TO 122° OPERATING TEMPERATURE. WHITE FINISH. UL LISTED WET LOCATIONS.	UNV	MLED2-W-WP	SURFACE/WALL	LED
'F'	20" ROUND, 27.75" HIGH LED FIXTURE. 31W, 3200 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. WHITE ALABASTER GLASS LENS. 0-10V DIMMABLE DRIVER. OLD BRONZE FINISH. UL LISTED.	UNV	TGAPD-W31-DVD-35K-D20	SUSPEND/CEILING	LED
'G'	11" ROUND SURFACE MOUNTED LED. 2.3" DEPTH. 1050 NOMINAL LUMEN OUTPUT. 3000K COLOR TEMP. HIGH TRANSMISSION FROSTED GLASS SHADE. SATIN NICKEL FINISH. HIGH POWER FACTOR, LOW THD. FIVE YEAR WARRANTY. UL LISTED.	UNV	1912D-62-3000K	SURFACE/CEILING	LED
'H'	15" ROUND, 15" HIGH LED FIXTURE. 20W, 1995 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. WHITE ALABASTER GLASS LENS. DIMMABLE DRIVER. OLD BRONZE FINISH. UL LISTED.	UNV	TGAP-W20-TD-35K-D15	SUSPEND/CEILING	LED
'I'	7" ROUND SLIM SURFACE MOUNTED LED. 5/8" DEPTH. 1000 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. SMOOTH HIGH TRANSMITTANCE LENS. WHITE FINISH. FIVE YEAR WARRANTY. UL LISTED.	UNV	S7R83510	SURFACE/CEILING	LED
'J'	13" WIDE, HALF MOON LED WALL SCONCE. 15W, 1400 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. WHITE ACRYLIC LENS. FINISH BY ARCHITECT. FIVE YEAR WARRANTY. UL LISTED.	120	WQR-W15-TD-35K-W13	SURFACE/WALL	LED
'K'	4'X4' WRAPAROUND LED. 4000 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. FROSTED ACRYLIC DIFFUSER. DIMMING DRIVER. WHITE FINISH. FIVE YEAR WARRANTY. UL LISTED.	UNV	FSWEZ440LB35-UNV	SURFACE/CEILING	LED
'SL'	3.5" ROUND, 5.75" HIGH EXTERIOR CANOPY FIXTURE. 19W, 1400 NOMINAL LUMEN OUTPUT. 3500K COLOR TEMP. CLEAR LENS. DIMMABLE DRIVER. OIL RUBBED BRONZE FINISH. UL DAMP LOCATION LISTED.	UNV	CTCA-W19-DVD-35K-ORB	SURFACE/CANOPY	LED
'SL1'	17" EXTERIOR LED WALL SCONCE WITH MOTION SENSOR LENS. 2885 NOMINAL LUMEN OUTPUT. 3000K COLOR TEMP. TYPE III DISTRIBUTION. PHOTOCELL CONTROL BUTTON. COLD WEATHER EMERGENCY BATTERY PACK. BRONZE FINISH. UL WET LOCATION LISTED.	120	121-16L-530-W-WG4-3-EBPC-120-IMR12-PCB-BZ	SURFACE/WALL	LED

ELECTRICAL GENERAL NOTES	
1. SEE SPECIFICATIONS, DIVISION 16 ELECTRICAL.	
2. PROVIDE A COMPLETE AND OPERATIONAL ELECTRICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR AND EQUIPMENT.	
3. ELECTRICAL PLANS AND DETAILS AND ONE LINE DIAGRAMS SHOW THE GENERAL LOCATION AND ARRANGEMENT OF THE ELECTRICAL SYSTEM. THEY ARE DIAGRAMMATIC AND DO NOT SHOW ALL CONDUIT BODIES, CONNECTORS, BENDS, FITTINGS, HANGERS AND ADDITIONAL PULL AND JUNCTION BOXES	
4. ALL EQUIPMENT AND MATERIAL SHALL BE LABELED, LISTED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING.	
5. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.	
6. ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.	
7. THE DEFINITION OF ELECTRICAL TERMS USED SHALL BE AS DEFINED IN THE 2020 EDITION OF THE MASSACHUSETTS ELECTRICAL CODE (MEC).	
8. THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS AND RELATED ATTACHMENTS)."	
9. THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY."	
10. THE TERM "SIZE" SHALL MEAN ONE OR MORE OF THE FOLLOWING: "LENGTH, CURRENT AND VOLTAGE RATING, NUMBER OF POLES, NEMA SIZE AND OTHER SIMILAR ELECTRICAL CHARACTERISTICS".	
11. THE TERM "SPACE" ON PANELBOARD AND SWITCHBOARD SCHEDULES SHALL MEAN "PROVIDE SPACE TO INSTALL THE NUMBER OF POLES AND SIZE OF THE PROTECTIVE DEVICE INDICATED WITH ALL NECESSARY BUS AND FITTINGS TO INSTALL THE DEVICE AT SOME FUTURE DATE".	
12. ELECTRICAL PLANS AND DETAILS DO NOT SHOW ALL INTERFERENCES AND CONDITIONS, VISIBLE AND/OR HIDDEN, THAT MAY EXIST; THUS REQUIRING THE CONTRACTOR TO INSPECT AND SURVEY THE SPACE BEFORE PERFORMING THE WORK.	
13. COORDINATE ELECTRICAL WORK WITH OWNER.	
14. COORDINATE ELECTRICAL WORK WITH OTHER DIVISIONS OF THIS PROJECT.	
15. TURN OVER TO THE OWNER ALL MANUFACTURERS WARRANTIES FOR EQUIPMENT AND MATERIAL PROVIDED.	
16. UNLESS OTHERWISE INDICATED, ALL ELECTRICAL EQUIPMENT HAS BEEN BASED ON GENERAL ELECTRIC PRODUCTS.	
17. THE CONTRACTOR MAY SUBSTITUTE EQUIPMENT OF ANOTHER MANUFACTURER IF IT IS OF EQUAL QUALITY AND RATING, SUBJECT TO OWNER'S AND ENGINEER'S REVIEW AND ACCEPTANCE.	
18. UNLESS OTHERWISE INDICATED, ALL ENCLOSURES FOR EQUIPMENT PROVIDED SHALL BE NEMA TYPE 1.	
19. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS TO BE COPPER THHN/THWN-2.	
20. UNLESS OTHERWISE INDICATED, ALL OUTLET AND SWITCH BOXES TO BE CAST IRON WITH THREADED HUBS.	
21. IN INTERIOR PROTECTED LOCATIONS, OUTLET AND SWITCH BOXES MAY BE STEEL.	
22. UNLESS OTHERWISE INDICATED, PROVIDE HEAVY-DUTY GRADE, 20 AMPERE RECEPTACLES AND SWITCHES. PROVIDE COVER PLATES MATCHING DEVICE TYPE AND COLOR. COVER PLATES FOR SURFACE MOUNTED INTERIOR BOXES IN UNFINISHED AREAS SHALL BE STAMPED STEEL. PLATES EXPOSED TO WEATHER/ WATER TO BE GASKETED, WEATHERPROOF TYPE. REFER TO ARCHITECTURAL FOR DEVICE TYPE AND COLOR.	
23. BEFORE SELECTING MATERIAL AND EQUIPMENT, AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT, CLEARANCES AND INTERCONNECTIONS.	
24. BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.	
25. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE 2020 MASSACHUSETTS ELECTRICAL CODE (MEC).	
26. THE MEASUREMENT FROM ABOVE FINISHED FLOOR (AFF) SHALL BE TAKEN FROM THE FINISHED FLOOR SURFACE TO THE TOP OF WALL RECEPTACLES AND SWITCH BOXES, TO THE CENTER LINE OF WALL LIGHTING OUTLET BOXES, TO THE TOP OF WALL MOUNTED EQUIPMENT ENCLOSURES, TO THE CENTER LINE OF THE TOP MOST SWITCH HANDLE, OR TO THE LOWEST SURFACE OF CEILING LIGHTING FIXTURES OTHER CEILING MOUNTED EQUIPMENT, UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.	
27. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS ARE NO. 12 AWG.	
28. CONDUIT SIZE FOR INDICATED CONDUCTORS SHALL BE BASED ON CHAPTER 9 OF NEC.	
29. THE CONTRACTOR MAY GROUP BRANCH CIRCUIT HOME RUN CONDUCTORS IN A SINGLE RACEWAY IN ACCORDANCE WITH NEC.	
30. ALL BLANK COVER PLATES TO BE STAINLESS STEEL.	
31. PROVIDE TRENCHING, SAND AND BACKFILL FOR ALL UNDERGROUND ELECTRICAL CONDUIT AND WIRING AS REQUIRED.	
32. ALL MANUFACTURER'S WARRANTIES FOR EQUIPMENT AND MATERIALS PROVIDED TO BE TURNED OVER TO THE OWNER.	
33. REFER TO ARCHITECTURAL DRAWINGS FOR WIRING DEVICE LOCATIONS AND MOUNTING HEIGHTS.	
34. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL UTILITY COMPANY CHARGES.	
35. PROVIDE TEMPORARY SERVICE TO BUILDING AS REQUIRED DURING CONSTRUCTION.	

ELECTRICAL ABBREVIATIONS	
A	AMPERES
A.F.F.	ABOVE FINISHED FLOOR
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CIR	CIRCUIT
E	EMERGENCY
FT	FEET
G	GROUNDING
KAIC	INTERRUPTING CAPACITY (KILOAMPERE)
KVA	KILOVOLT-AMPERE
KW	KILOWATT
LET	LIGHTING
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASS.
NIC	NOT IN CONTRACT
P	POLE
UL	UNDERWRITER'S LABORATORY
UTIL	UTILITY
V	VOLTS
VA	VOLT-AMPERES
W	WATTS

MECHANICAL GENERAL NOTES	
1. DRAWINGS ARE DIAGRAMMATIC. THEY INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. DRAWINGS ARE NOT TO BE SCALED. ORIGINAL ARCHITECTURAL DRAWINGS AND DETAILS SHALL BE EXAMINED FOR EXACT LOCATION OF FIXTURES AND EQUIPMENT. WHERE THEY ARE NOT DEFINITELY LOCATED, THE INFORMATION SHALL BE OBTAINED FROM THE OWNER OR AUTHORIZED REPRESENTATIVE.	
2. UNLESS OTHERWISE INDICATED, PROVIDE COMPLETE AND OPERATIONAL MECHANICAL SYSTEMS INCLUDING ALL NECESSARY MATERIAL, LABOR, AND EQUIPMENT.	
3. UNLESS OTHERWISE INDICATED, PROVIDE CONTROL WIRING FOR ALL MECHANICAL SYSTEM EQUIPMENT. INSTALL PER N.E.C.	
4. ALL EQUIPMENT AND MATERIAL SHALL BE LABELED AND LISTED AND INSTALLED IN ACCORDANCE WITH THEIR LISTING.	
5. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.	
6. ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.	
7. THE TERM "INDICATED" SHALL MEAN "AS SHOWN ON CONTRACT DOCUMENTS (SPECIFICATIONS, DRAWINGS, AND RELATED ATTACHMENTS)."	
8. THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL, AND CONNECT COMPLETELY."	
9. SUBMIT FOR REVIEW, DETAILED SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIAL REQUIRED TO COMPLETE THE WORK. NO MATERIAL OR EQUIPMENT MAY BE DELIVERED TO THE JOBSITE OR INSTALLED UNTIL ACCEPTED SHOP DRAWINGS FOR THE PARTICULAR MATERIAL OR EQUIPMENT HAS BEEN APPROVED BY THE OWNER OR HIS AUTHORIZED REPRESENTATIVE. WHERE THE CONTRACTOR PROPOSES TO USE AN ITEM OF EQUIPMENT OTHER THAN THAT SPECIFIED OR DETAILED ON THE DRAWINGS, WHICH REQUIRES ANY REDESIGN OF THE STRUCTURE, PARTITIONS, FOUNDATIONS, PIPING, WIRING, OR ANY OTHER PART OF THE MECHANICAL, ELECTRICAL, OR ARCHITECTURAL LAYOUT, ALL SUCH REDESIGN AND ALL NEW DRAWINGS, AND DETAILING REQUIRED, THEREFORE, SHALL BE PREPARED AT THE CONTRACTOR'S EXPENSE AND IS SUBJECT TO THE REVIEW AND APPROVAL OF THE OWNER OR HIS AUTHORIZED REPRESENTATIVE. OWNER RESERVES THE RIGHT TO HAVE THE ARCHITECT OR ENGINEER OF HIS CHOICE PREPARE ANY REDESIGN WORK.	
10. MECHANICAL PLANS AND DETAILS DO NOT SHOW ALL INTERFERENCES AND CONDITIONS, VISIBLE AND/OR HIDDEN, THAT MAY EXIST; THUS, REQUIRING THE CONTRACTOR TO INSPECT AND SURVEY THE SPACE BEFORE PERFORMING THE WORK.	
11. CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS OF MECHANICAL EQUIPMENT WITH DIVISION 16.	
12. TURN OVER TO THE OWNER ALL MANUFACTURER'S WARRANTIES FOR EQUIPMENT AND MATERIALS PROVIDED.	
13. BEFORE SELECTING MATERIAL AND EQUIPMENT AND PROCEEDING WITH WORK, INSPECT AREAS WHERE MATERIAL AND EQUIPMENT ARE TO BE INSTALLED TO INSURE SUITABILITY, AND CHECK NEEDED SPACE FOR PLACEMENT AND CLEARANCES.	
14. BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.	
15. ALL WORK SHALL BE DONE IN ACCORDANCE WITH (THE LATEST ACCEPTED): A. 780 CMR B. ANSI STANDARDS	
16. LOCATE ALL EQUIPMENT WHICH REQUIRES SERVICING IN FULLY ACCESSIBLE POSITIONS. IF REQUIRED FOR BETTER ACCESSIBILITY, FURNISH ACCESS DOORS FOR THE PURPOSE. MINOR DEVIATIONS FROM DRAWINGS MAYBE MADE TO ALLOW FOR BETTER ACCESSIBILITY. ANY CHANGE SHALL BE SUBMITTED TO THE OWNER OR HIS AUTHORIZED REPRESENTATIVE FOR REVIEW.	
17. ASCERTAIN FROM EXAMINATION OF THE DRAWINGS, ANY SPECIAL TEMPORARY OPENINGS IN THE BUILDING REQUIRED FOR THE ADMISSION OF APPARATUS PROVIDED UNDER THIS DIVISION. NOTIFY THE OWNER ACCORDINGLY. IN THE EVENT OF FAILURE TO GIVE SUFFICIENT NOTICE TO THE CONTRACTOR IN TIME TO ARRANGE FOR OPENINGS DURING CONSTRUCTION, ASSUME ALL COSTS OF PROVIDING SUCH OPENINGS THEREAFTER. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASSEMBLY AND DISASSEMBLY OF EQUIPMENT AS REQUIRED TO PLACE EQUIPMENT IN ITS FINAL LOCATION.	
18. UNLESS OTHERWISE INDICATED, PROVIDE 14 GAUGE GALVANIZED PIPE SLEEVES TWO (2) SIZES LARGER THAN THE PIPE OR INSULATION WHERE SUCH ASSEMBLIES PENETRATE WALLS, PARTITIONS, FLOORS, OR STRUCTURAL MEMBERS.	
19. ALL VOIDS BETWEEN PIPE SLEEVES AND PIPES SHALL BE FILLED WITH A FIRE TESTED AND APPROVED ELASTOMERIC CAULKING MATERIAL.	
20. UNLESS OTHERWISE INDICATED, SUPPORT PIPES WITH HANGER SPACING IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE.	
21. CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR PIPE EXPANSION, CONTRACTION, SLOPE, AND ANCHORAGE.	
22. CONTRACTOR TO BALANCE AIR SYSTEM AND PROVIDE TAB REPORT. TYPICAL.	

PLUMBING GENERAL NOTES	
1. NOTES BELOW ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES.	
2. PROVIDE FIXTURE SHUT-OFF VALVES AND P-TRAPS FOR ALL FIXTURES PROVIDED. PROVIDE SANITARY, WASTE AND DOMESTIC WATER PIPING AS REQUIRED FOR ALL FIXTURES PROVIDED.	
3. REFER TO AND CAREFULLY CHECK ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS AND DETAILS, NOTING LOCATIONS WHERE WALLS, PARTITIONS, CEILINGS AND OTHER SURFACES ARE FURRED. LOCATION OF PIPE SLEEVES, LOCATIONS OF PIPE SHAFTS AND CONFLICTS WITH WORK OF OTHER TRADES AND ARRANGE WORK ACCORDINGLY. FURNISH ALL OFFSETS, FITTINGS, VALVES, DRAINS, ETC. REQUIRED TO MEET SUCH CONDITIONS.	
4. DUE TO SCALE OF DRAWINGS, ALL REQUIRED OFFSETS, FITTINGS, VALVES, DRAINS, ETC. MAY NOT BE INDICATED.	
5. ALL PIPING PASSING THROUGH FIRE RATED WALLS SHALL BE PROVIDED WITH SCHEDULE 40 STEEL PIPE SLEEVES AND SPACE BETWEEN EXTERIOR OF PIPE AND INTERIOR OF PIPE SLEEVE PACKED WITH A FIRE RATED MATERIAL EQUAL TO THE RATING OF THE WALL.	
6. UNLESS OTHERWISE INDICATED, PROVIDE A COMPLETE AND OPERATIONAL MECHANICAL SYSTEM INCLUDING ALL NECESSARY MATERIAL, LABOR AND EQUIPMENT.	
7. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND ARRANGE FOR ALL REQUIRED INSPECTIONS IN ACCORDANCE WITH STATE AND LOCAL GOVERNING CODES.	
8. THE TERM "PROVIDE" SHALL MEAN "TO FURNISH, INSTALL AND CONNECT COMPLETELY."	
9. WHERE THE CONTRACTOR PROPOSES TO USE AN ITEM OF EQUIPMENT OTHER THAN THAT SPECIFIED OR DETAILED ON THE DRAWINGS WHICH REQUIRES ANY REDESIGN OF THE STRUCTURE, PARTITIONS, FOUNDATIONS, PIPING, WIRING OR ANY OTHER PART OF THE MECHANICAL, ELECTRICAL OR ARCHITECTURAL LAYOUT, ALL SUCH REDESIGN AND ALL NEW DRAWINGS AND DETAILING REQUIRED THEREFORE, SHALL BE PREPARED AT THE CONTRACTOR'S EXPENSE AND ARE SUBJECT TO THE REVIEW AND APPROVAL OF THE OWNER OR HIS AUTHORIZED REPRESENTATIVE. OWNER RESERVES THE RIGHT TO HAVE THE ARCHITECT OR ENGINEER OF HIS CHOICE PREPARE ANY REDESIGN WORK.	
10. ALL WORK SHALL BE DONE WITH LICENSED WORKMEN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.	
11. CONTRACTOR SHALL MAKE ADEQUATE PROVISIONS FOR PIPE SLOPE AND ANCHORAGE.	
12. BEFORE CUTTING OR DRILLING INTO BUILDING ELEMENTS, INSPECT AND LAYOUT WORK TO AVOID DAMAGING STRUCTURAL ELEMENTS AND BUILDING UTILITIES.	
13. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ACCEPTED: A. 780 CMR B. ASTM & ANSI STANDARDS.	
14. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR AND PAYMENT FOR ALL UTILITIES DAMAGED DURING CONSTRUCTION.	
15. CONTRACTOR TO CONFIRM PIPE LOCATIONS, ELEVATIONS, AND SIZES BEFORE ANY WORK IS STARTED. IF ANY DISCREPANCIES ARE FOUND NOTIFY ENGINEER BEFORE PROCEEDING WITH WORK.	
16. PROVIDE WATER SERVICE SHUT OFF VALVES ON WATER SUPPLY IMMEDIATELY ADJACENT TO PLUMBING FIXTURES.	
17. PROVIDE SEISMIC BRACING OF ALL PLUMBING PIPES PER THE CONNECTICUT BUILDING CODE.	
18. PROVIDE WATER HAMMER ARRESTERS FOR ALL FLUSH VALVES. SIZE AND LOCATE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.	
19. FOLLOW MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS FOR INSTALLATION OF PROVIDED EQUIPMENT.	
20. ALL PIPES THAT PENETRATE WALLS, FLOORS AND CEILINGS IN FINISHED AREAS SHALL RECEIVE CHROME PLATED METAL ESCUTCHEONS.	
21. ALL SHOP DRAWINGS OF INDIVIDUAL COMPONENTS ARE TO BE SUBMITTED AS A COMPLETE PACKAGE.	
22. ALL SHOP DRAWINGS OF RELATED COMPONENTS SHALL BE SUBMITTED AS A COMPLETE PACKAGE.	
23. ALL WORK IN INTERIOR FINISHED SPACES IS TO BE CONCEALED BEHIND WALLS, ABOVE CEILINGS, OR UNDER THE FLOOR. PROVIDE ALL NECESSARY CUTTING, PATCHING, REPAIRING AND/OR REPLACEMENT OF FINISHES AS REQUIRED TO PERFORM WORK.	
24. WRITTEN REQUESTS FOR PLANNED SHUTDOWN OR INTERRUPTION OF BUILDING SERVICES, SYSTEMS OR EQUIPMENT SHALL BE MADE IN WRITING 72 HOURS PRIOR TO START OF THE REQUESTED SHUTDOWN PERIOD.	
25. SUPPORT PIPING ABOVE SUSPENDED CEILING, FROM CONSTRUCTION ABOVE, AS CLOSE AS POSSIBLE TO BOTTOM OF SLABS, BEAMS, MAINTAINING MAXIMUM HEADROOM AT ALL TIMES.	
26. PROVIDE CLEANOUTS PER PLUMBING CODE.	
27. ISLE AND CORRIDOR WAYS THROUGH CONSTRUCTION AREAS WHICH ARE REQUIRED FOR EGRESS (NORMAL OR EMERGENCY) SHALL BE KEPT CLEAR OF MATERIAL, EQUIPMENT, & DEBRIS.	
28. ALL WORK SHALL BE LICENSED WORKMAN IN ACCORDANCE WITH STATE AND LOCAL GOVERNING AUTHORITIES.	

PLUMBING ABBREVIATIONS	
C.O.	CLEANOUT
DCW	DOMESTIC COLD WATER SUPPLY
DHW	DOMESTIC HOT WATER SUPPLY
DN	DOWN
DWH	DOMESTIC WATER HEATER
ET	EXPANSION TANK
F.C.O.	FLOOR CLEANOUT
FD	FLOOR DRAIN
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
JS	JANITOR'S SINK
LAV	LAVATORY
NFWH	NON-FREEZE WALL HYDRANT
LP	LIQUID PROPANE GAS
NTS	NOT TO SCALE
PRV	PRESSURE REDUCING VALVE
SAN	SANITARY
SK	SINK
TM	THERMOSTATIC MIXING VALVE
TYP	TYPICAL
VTR	SANITARY VENT THROUGH ROOF
WC	WATER CLOSET

REVISIONS		
REV.	DESCRIPTION	DATE

CONSULTANT:	
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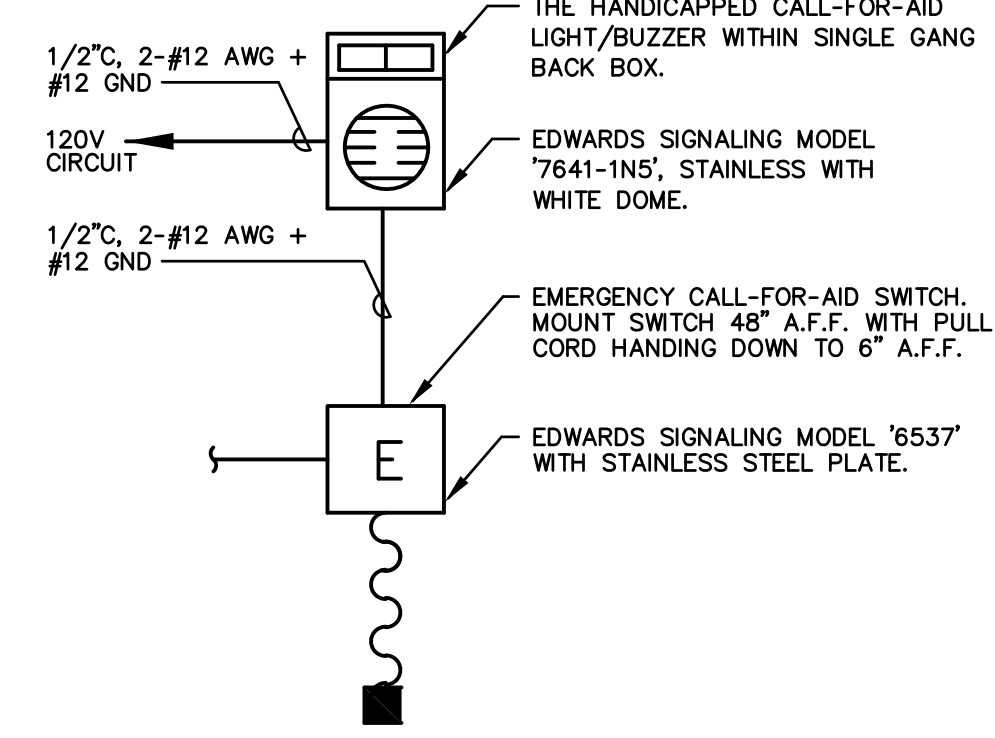
PROJECT TITLE	
CONTRACT DOCUMENTS FOR	
<b>MOUNT EVERETT ACADEMY ADA AND CODE COMPLIANCE</b>	
SOUTH EGREMONT, MASSACHUSETTS	

DRAWING TITLE	
<b>PLUMBING/MECHANICAL/ELECTRICAL DETAILS, NOTES, SCHEDULES, SYMBOLS ABBREVIATIONS</b>	

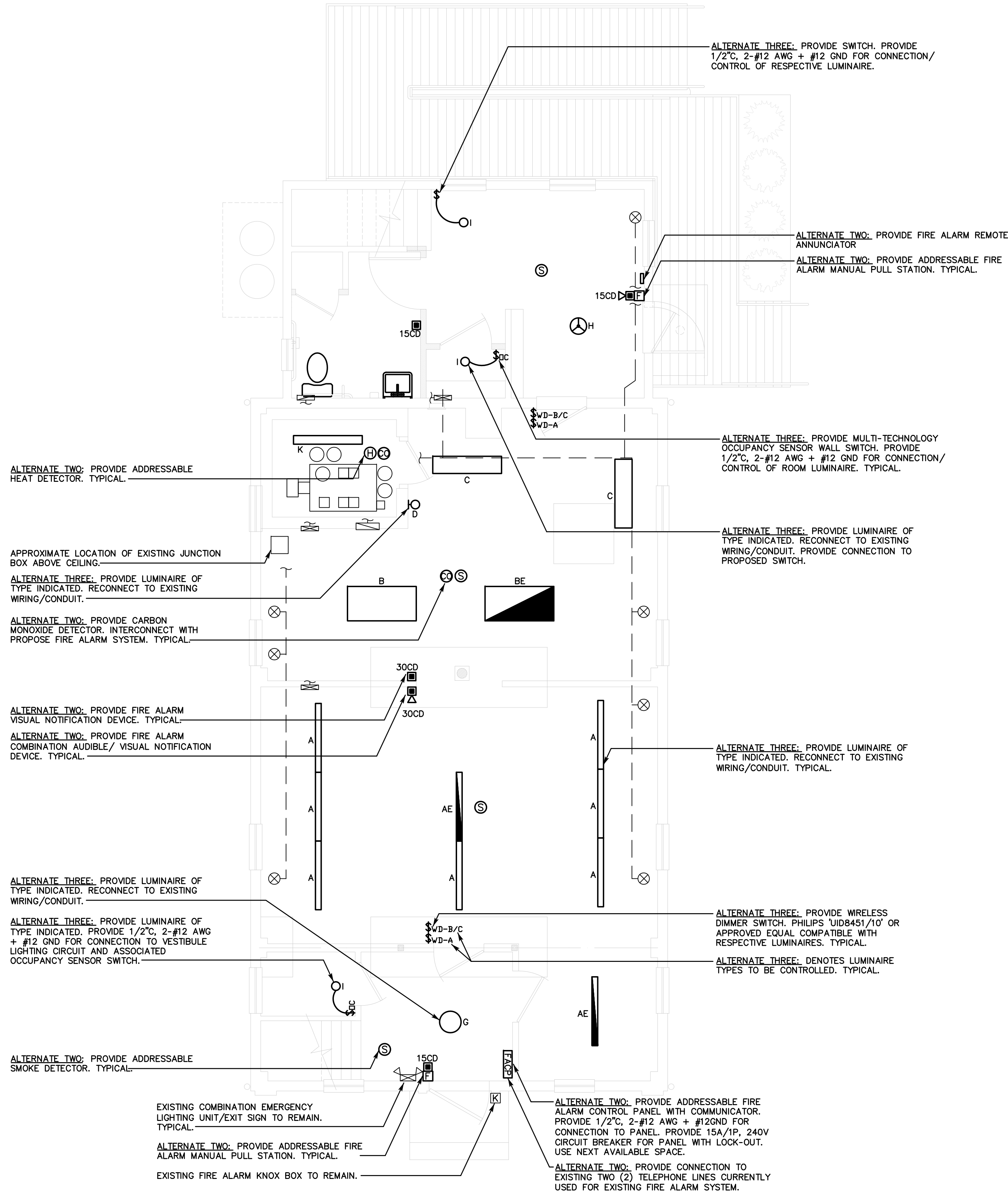
JOB NO.	941 3694.01
PROJECT MANAGER	JAS
ENGINEER/DESIGNER	FB
DRAWN BY	BG
SCALE	AS NOTED
DATE	OCTOBER 7, 2021
CAD FILE: EGREMONT ACADEMY PME-3	

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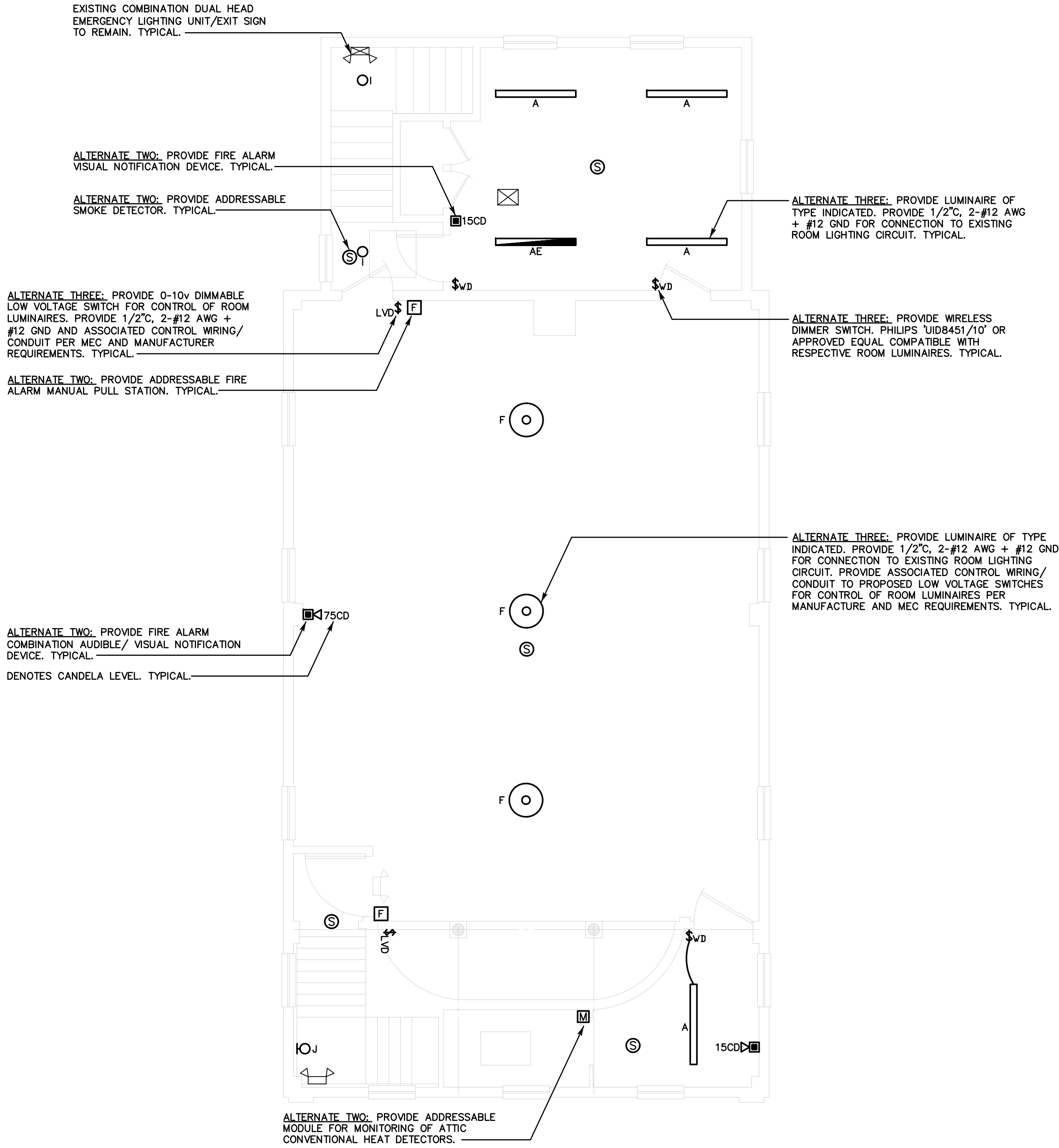


**CALL-FOR-AID DETAIL**  
SCALE: N.T.S.



FIRST FLOOR  
ELECTRICAL ALTERNATES PLAN  
SCALE: 1/4"=1'-0"

ALTERNATE #3 NOTE:  
CONTRACTOR SHALL OBTAIN AND PAY FOR SERVICES OF FACTORY REPRESENTATIVE TO PROGRAM RESPECTIVE LUMINAIRES. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS. TYPICAL.



SECOND FLOOR  
ELECTRICAL ALTERNATES PLAN  
SCALE: 1/4"=1'-0"

REVISIONS		
REV.	DESCRIPTION	DATE

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PROJECT TITLE

CONTRACT DOCUMENTS FOR

**MOUNT EVERETT ACADEMY  
ADA AND CODE COMPLIANCE**

SOUTH EGREMONT, MASSACHUSETTS

DRAWING TITLE

**FIRST & SECOND FLOOR  
ELECTRICAL ALTERNATES  
PLANS**

JOB NO.	941 3694.01
PROJECT MANAGER	JAS
ENGINEER/DESIGNER	FB
DRAWN BY	BG
SCALE	AS NOTED
DATE	OCTOBER 7, 2021
CAD FILE: EGREMONT ACADEMY E-1 ALT	

SEAL:

DRAWING NO.

**E-1 ALT**

FIRE ALARM SYSTEM INPUT/OUTPUT MATRIX						SYSTEM OUTPUTS																					
						FACP ANNUNCIATION						NOTIFICATION						REQUIRED FIRE SAFETY CONTROL									
SYSTEM INPUTS						ACTIVATE COMMON ALARM SIGNAL INDICATOR ACTIVATE MOBILE ALARM SIGNAL ACTIVATE COMMON SUPERVISORY SIGNAL INDICATOR ACTIVATE MOBILE SUPERVISORY SIGNAL ACTIVATE COMMON TROUBLE SIGNAL INDICATOR ACTIVATE MOBILE TROUBLE SIGNAL ACTIVATE ZONE OR DEVICE EXCESS ALARM SIGNAL ACTIVATE GENERAL EXHAUSTIVE SIGNAL DISPLAY CHANGE OF STATUS TRANSFER FIRE ALARM SIGNAL TO CENTRAL STATION TRANSFER SUPERVISORY SIGNAL TO CENTRAL STATION TRANSFER TROUBLE SIGNAL TO CENTRAL STATION																					
						A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	FIRE ALARM SYSTEM AC POWER FAILURE																						1				
2	FIRE ALARM SYSTEM LOW BATTERY																						2				
3	OPEN CIRCUIT																						3				
4	GROUND FAULT																						4				
5	NOTIFICATION APPLIANCE CIRCUIT SHORT																						5				
6	MANUAL PULL STATIONS																						6				
7	SMOKE DETECTOR (COMMON AREAS)																						7				
8	SMOKE DETECTOR (APARTMENT UNITS) - NA																						8				
9	HEAT DETECTOR																						9				
10	SPRINKLER TAMPER SWITCH - NA																						10				
11	SPRINKLER WATER FLOW - NA																						11				
						A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V

SEQUENCE OF OPERATIONS

FIRE PROTECTION SYSTEMS TO BE INSTALLED:

AS PART OF THIS SCOPE OF WORK, A NEW FIRE ALARM SYSTEM IS BEING INSTALLED PER NFPA 72 FOR BUILDING. THE FIRE ALARM CONTROL PANEL (FACP) SHALL BE NEW, ADDRESSABLE TYPE. THE PROPOSED FACP SHALL MONITOR AND CONTROL THE FIRE ALARM SYSTEM DETECTION, INITIATION AND NOTIFICATION DEVICES.

DETECTION AND INITIATION DEVICES SHALL INCLUDE THE FOLLOWING:

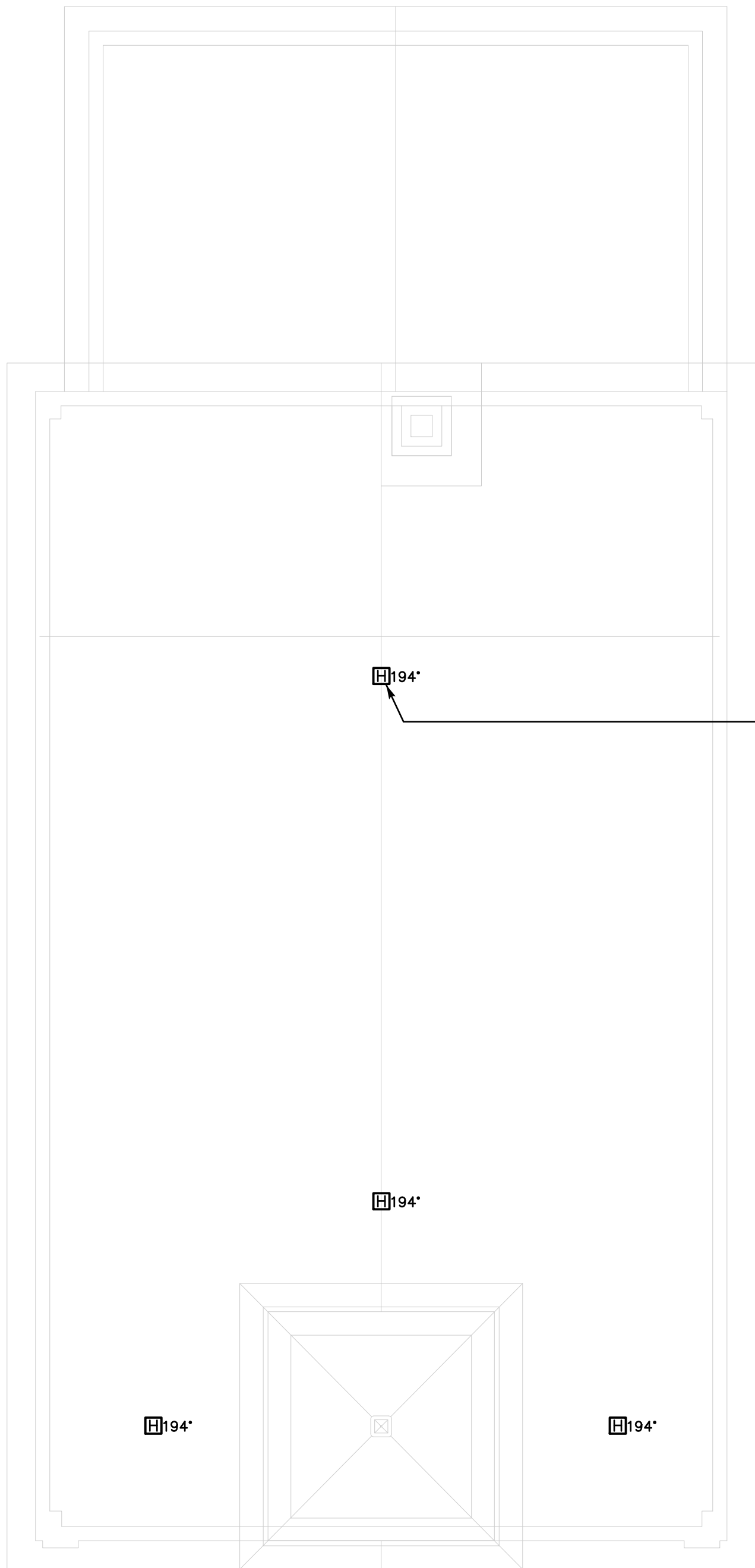
- SMOKE DETECTOR WHEN ACTIVATED SHALL SEND SIGNAL TO FACP AND SOUND A GENERAL ALARM.
- HEAT DETECTOR WHEN ACTIVATED SEND SIGNAL TO FACP AND SOUND GENERAL ALARM.
- MANUAL PULL STATION WHEN ACTIVATED SHALL SEND SIGNAL TO FACP AND SOUND A GENERAL ALARM.
- CARBON MONOXIDE DETECTOR WHEN ACTIVATED SHALL SEND SIGNAL TO FACP ANNUNCIATING ALARM.

ANNUNCIATION DEVICES SHALL INCLUDE THE FOLLOWING:

- STROBES AND COMBINATION HORN/STROBES TO NOTIFY OCCUPANTS OF GENERAL ALARM.
- POWER FOR EACH DEVICE WILL BE SUPPLIED FROM THE FACP SYSTEM, INCLUSIVE OF EMERGENCY BATTERY POWER SYSTEM BACK-UP POWER.

SYSTEM MONITORING:

- THE FACP IS TO BE ADDRESSABLE AND WILL MONITOR STATUS OF EACH SYSTEM DEVICE.
- THE FACP WILL CONTAIN A LOCAL ANNUNCIATOR PANEL FOR DENOTING DEVICE(S) AND SYSTEM STATUS.
- THE FACP WILL HAVE A BATTERY BACK-UP SYSTEM FOR CONSISTENT OPERATION.
- THE FACP SHALL SIGNAL TO CENTRAL SYSTEM MONITORING AND DISPATCH UNDER A TROUBLE AND/OR ALARM CONDITION.
- ALARM DISPATCH WE BE UNDER THE FOLLOWING CONDITIONS:
  - ACTIVATION OF A HEAT DETECTION DEVICE.
  - ACTIVATION OF A SMOKE DETECTION DEVICE.
  - ACTIVATION OF A MANUAL PULL STATION.
- TROUBLE DISPATCH WE BE UNDER THE FOLLOWING CONDITIONS:
  - ACTIVATION OF CARBON MONOXIDE DETECTION DEVICE.
  - SYSTEM DEVICE FAILURES.
  - SYSTEM CONNECTION FAILURES.



ATTIC  
ELECTRICAL ALTERNATE PLAN  
SCALE: 1/4"=1'-0"

ALTERNATE THREE – ATTIC LIGHTING NOTE:  
CONTRACTOR SHALL PROVIDE LIGHT SWITCH AT EACH ATTIC ENTRY POINT. PROVIDE 1/2"Ø, 2-#12 AWG + #12 GND FOR CONNECTION TO PANEL. PROVIDE 20A/1P, 240V CIRCUIT BREAKER FOR PANEL. USE NEXT AVAILABLE SPACE.

REVISIONS		
REV.	DESCRIPTION	DATE

CONSULTANT:

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PROJECT TITLE

CONTRACT DOCUMENTS  
FOR

**MOUNT EVERETT  
ACADEMY  
ADA AND CODE  
COMPLIANCE**

SOUTH EGREMONT, MASSACHUSETTS

DRAWING TITLE

**ATTIC ELECTRICAL  
ALTERNATE PLAN**

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ENGINEER/DESIGNER	FB
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**E-2 ALT**